

CipherLab

User Guide

ReaderConfig

For Android Mobile Computer

RS30

RS31

RS35

RS36

RS38

RS50

RS51

RK25

RK26

RK95

9700A

HERA51

Ver. 1.03



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RELEASE NOTES

Version	Date	Notes
1.03	Sep. 13, 2023	<ul style="list-style-type: none">• Add the new supported device models
1.02	April 12, 2022	<ul style="list-style-type: none">• Modify Chapter 2 General Settings.• Section 2.2.4 Miscellaneous: Add “Multi Decode Mode” and “1D Quiet Zone Level”.• Section 2.3.1 Keyboard Emulation: Add “Start Activity” to “Intent” & “Intent & KeyEvent”.• Section 2.3.1 Keyboard Emulation: Add “Send Control Characters” to “KeyEvent” & “Intent & KeyEvent”.• Section 2.3.1 Keyboard Emulation: Add “Copy Only” to “Copy & Paste”.• Section 4.3.2 SE4770, Section 4.3.3 SE4750MR, Section 4.3.4 SE4750SR, Section 4.3.6 SE4500, & Section 4.3.7 SE4100: Add “Reduced Quiet Zone” to Code39.• Update all figures.
1.01	Sep. 10, 2021	<ul style="list-style-type: none">• Section 2.1 Scanner Performance: Add the description about “Aiming Power Level”.• Section 2.2.2 Data Output Method: Add the description about “KeyEvent Optimization”.• Section 4.3 Symbology Settings: Add new sections “SE4750 DPM” & “SE4100”.
1.00	March 24, 2021	<ul style="list-style-type: none">• Initial release

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INTRODUCTION

The **Reader Configuration** utility allows you to manage the barcode reader integrated on the mobile computer.

FEATURES

- Supports CipherLab Android Mobile Computer:
 - 4.4 KitKat (**RS30**)
 - Android 6.0 Marshmallow (**9700A, RS31, & RS50**)
 - Android 7.0 Nougat (**RS31 & RK25**)
 - Android 8.0 Oreo (**RS51 & HERA51**)
 - Android 9.0 Pie (**RK25 & RK95**)
 - Android 10 (**RS35**)
 - Android 11 (**RK25, RS35, RS51 & HERA51**)
 - Android 12 (**RK26, RK95 & RS36**)
- Supports importing and exporting settings to configuration files.
- Easy to set the symbologies to read.

Chapter 1

READERCONFIG PROFILE MANAGEMENT

The mobile computer is capable of reading printed barcodes. With the built-in application **ReaderConfig**, user can configure the scan engine built inside the mobile computer. Use it to create a profile of settings that best suits your needs. This chapter will walk you through the menu options of the “Profile”.

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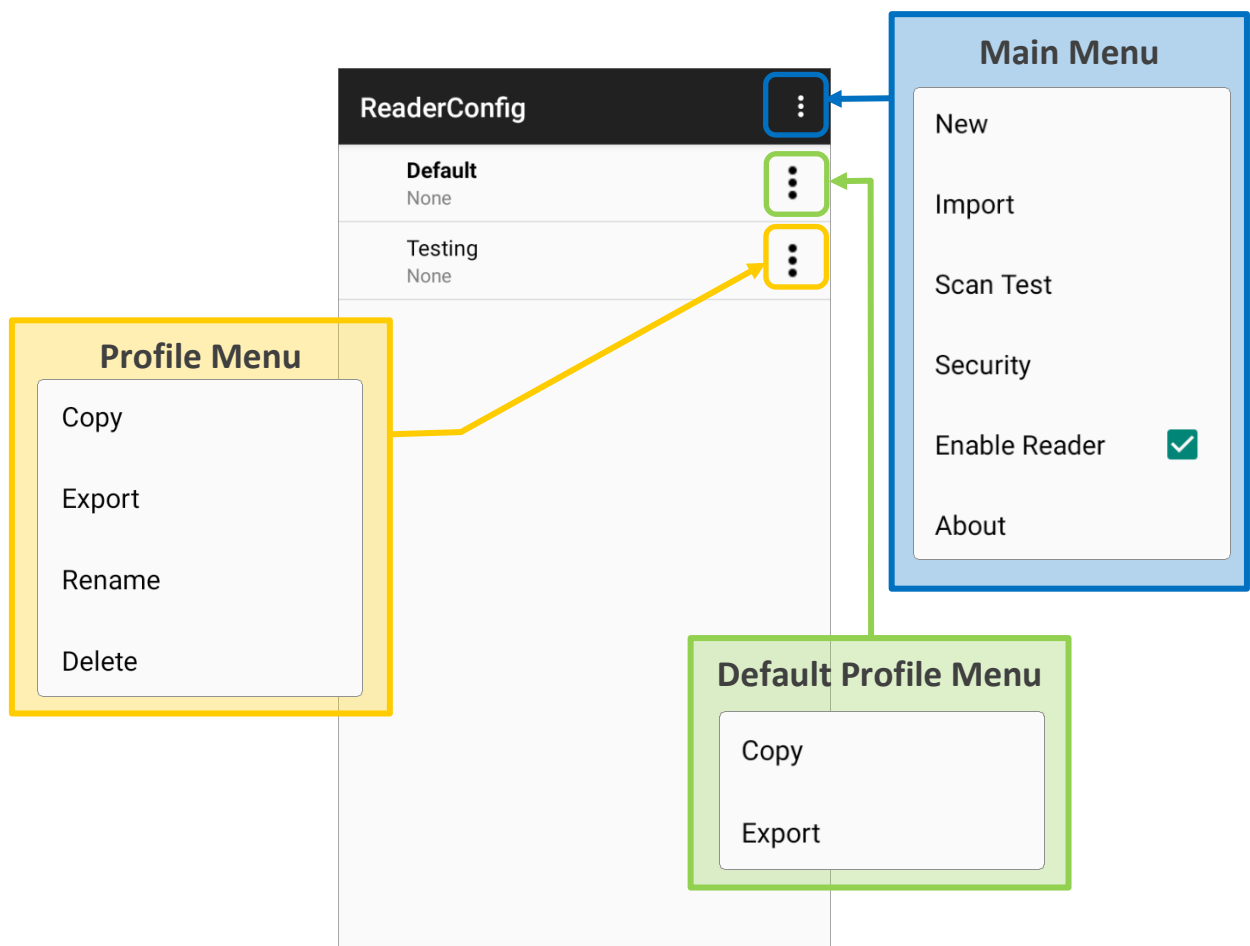
1.1 LAUNCH READERCONFIG

ReaderConfig, a built-in application for managing the barcode reader integrated on the mobile computer, is easy for users to create a profile of settings that best suits the needs.

To launch ReaderConfig, please go to App Drawer (All Applications), and then tap on

ReaderConfig icon .

The main screen of **ReaderConfig** consists of main menu and a list of profiles, including a “**Default**” profile which cannot be deleted. Next to each profile, there is also a profile menu which includes a set of operations that are specific to the profile.

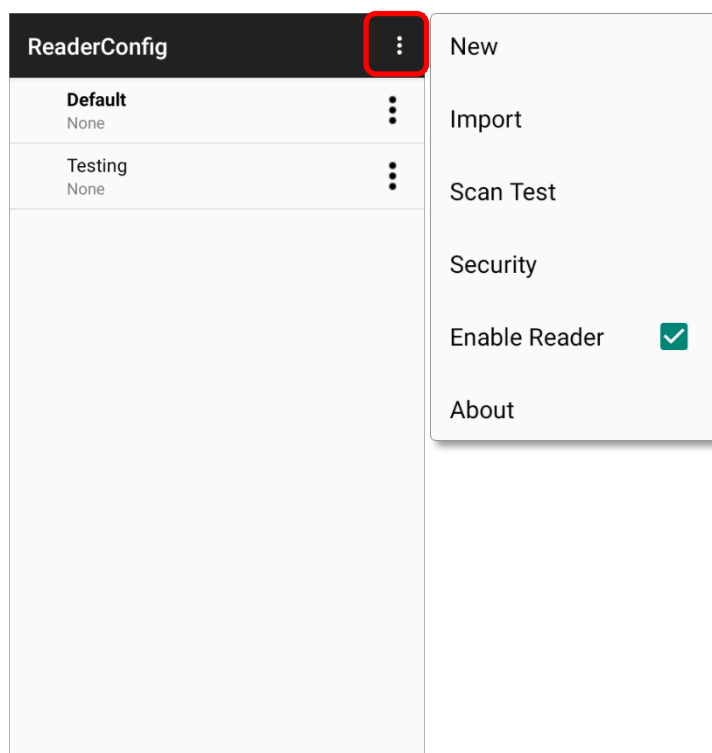


Note:

The “Default” profile is always enabled. Please refer to [“Profile”](#) for how to enable a profile.

1.2 READERCONFIG MAIN MENU


ReaderConfig provides an main menu which is accessible on the action bar of the main screen. This menu allows you to create new profiles, import profile(s) in a re-usable format, test scan barcodes, set a password for certain configurations of ReaderConfig, and view copyright and version information.

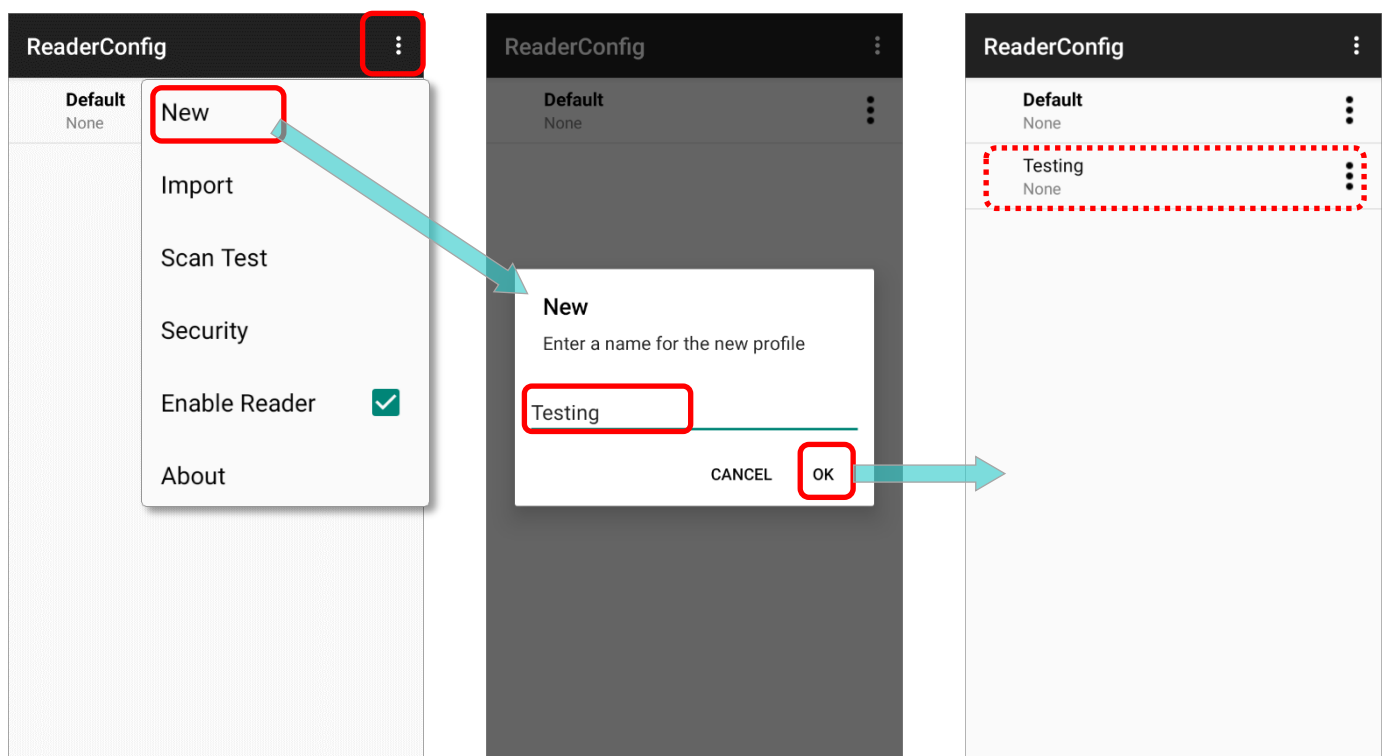


Item	Description
New	To create a new profile to manage the barcode reader.
Import	To save the profile settings as a .json file which can be applied by other device(s) to implement the settings.
Scan Test	A page for test scanning.
Security	To set a password to forbid other users to access certain functions.
Enable Reader	To enable or disable the barcode reader.
About	To show the information about ReaderConfig and the reader type.

1.2.1 NEW

“**New**” is for creating a new profile for the user to configure the scan engine built inside the mobile computer to meet the user’s need . Please follow the steps to create a new profile.

- 1) Tap on the more button  on the action bar to display the main menu.
- 2) Tap “**New**” and enter a name for new profile in the pop-up dialog. Tap “**OK**” to create the profile.




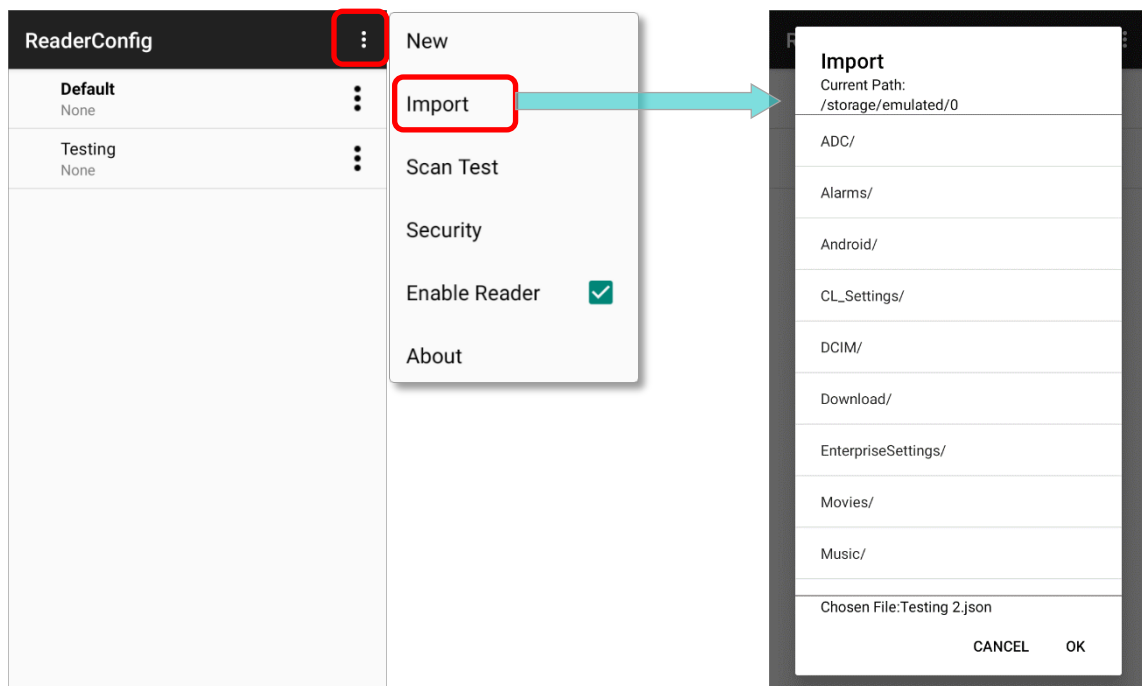
1.2.2 IMPORT

ReaderConfig supports saving the profile settings and exporting them as a **.json** file.

Previously exported profile(s) can be imported again on the mobile computer. This can also be used to implement identical ReaderConfig settings on multiple devices with the same barcode reader type.

To import settings:

- 1) [Launch ReaderConfig](#), and then tap the more button  on the action bar to open the main menu.
- 2) Tap **Import** in the option menu.
A page opens allowing you to select a previously saved profile.



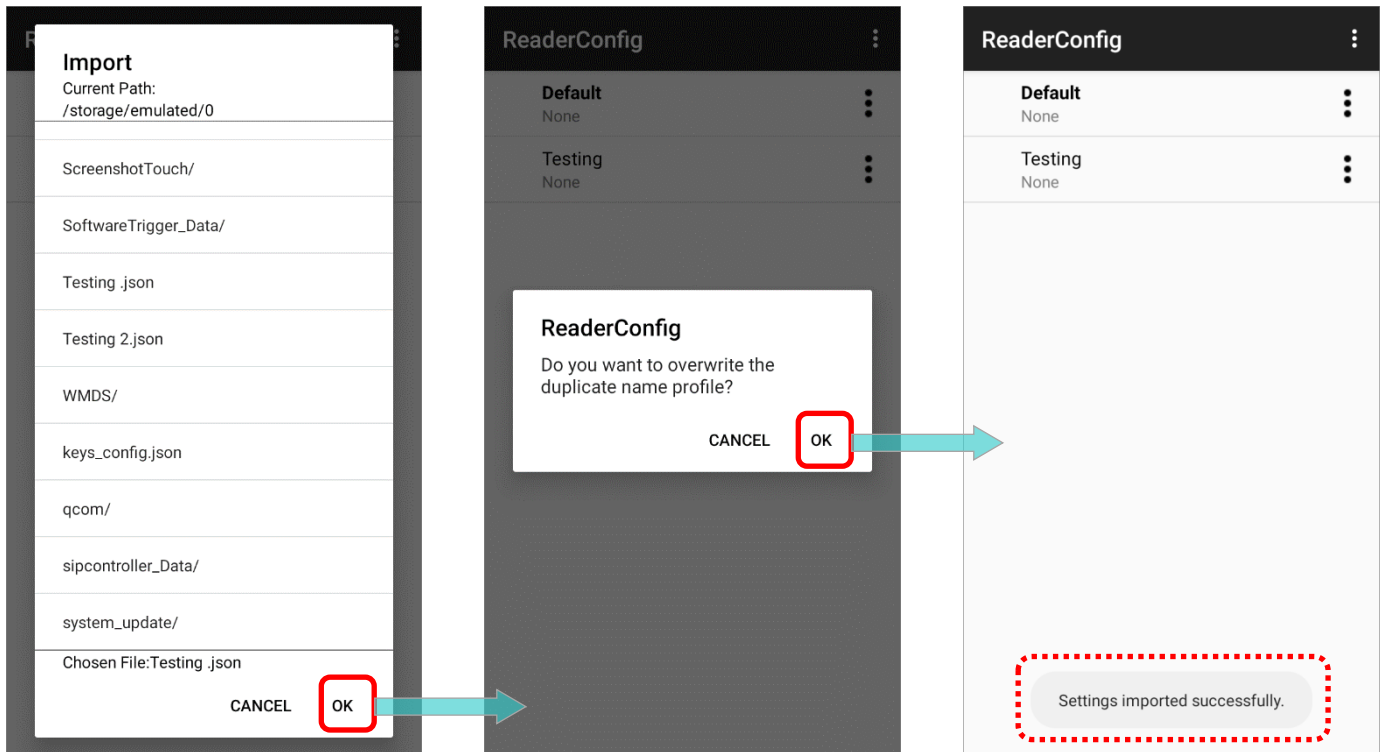
- 3) Tap **OK**. In a few seconds a prompt will appear on the mobile computer to indicate settings have been imported successfully.

Note:

- (1) As to exporting a profile, please refer to "[Export](#)" of "Profile Menu".
 - (2) Importing fails if the device barcode reader is not the same with the reader of the device where the .json file is exported from.
-

DUPLICATE NAME PROFILE


When importing a profile that has the same name with an existing profile, a confirmation dialog appears to make sure whether you really want to replace existing profile with the one to be imported.

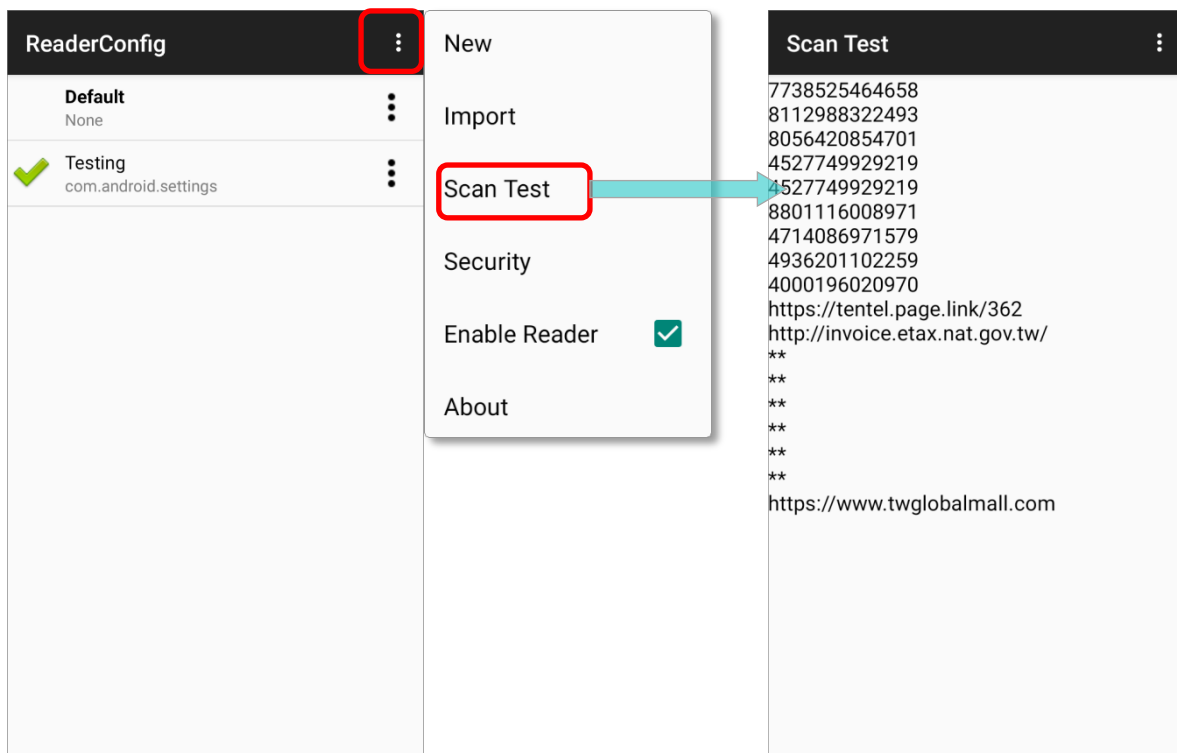


Tap on **OK** to proceed importing.

1.2.3 SCAN TEST


To test barcode scanning, please tap "**Scan Test**" to open the test page:

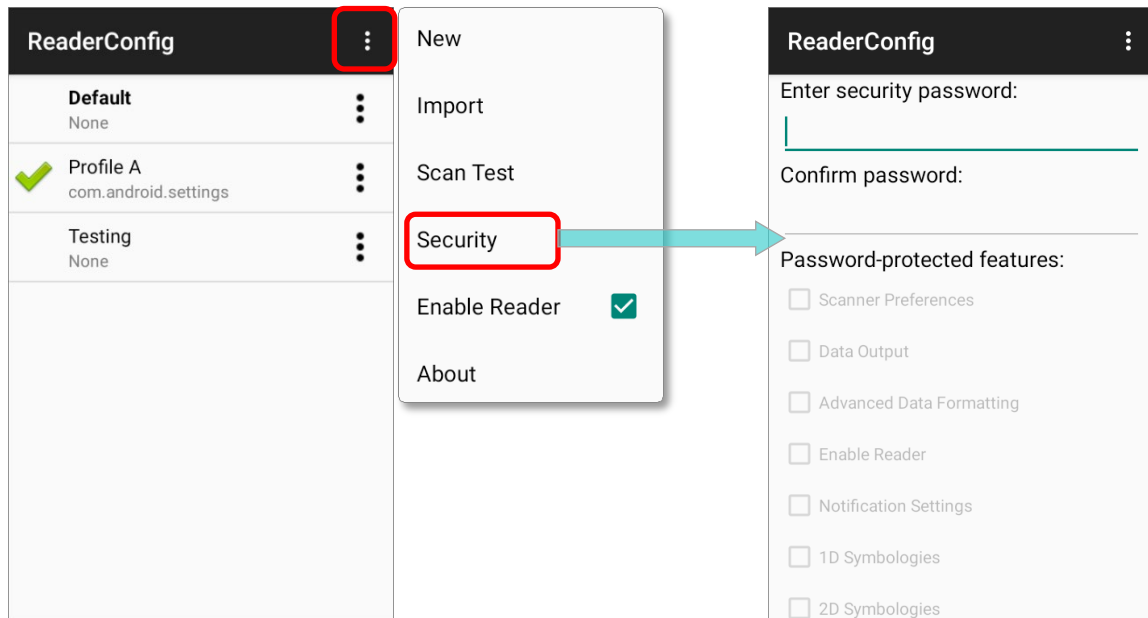
- 1) Tap the more button  on the action bar to open the option menu.
- 2) Tap "**Scan Test**" in the main menu. A page opens for test scanning.



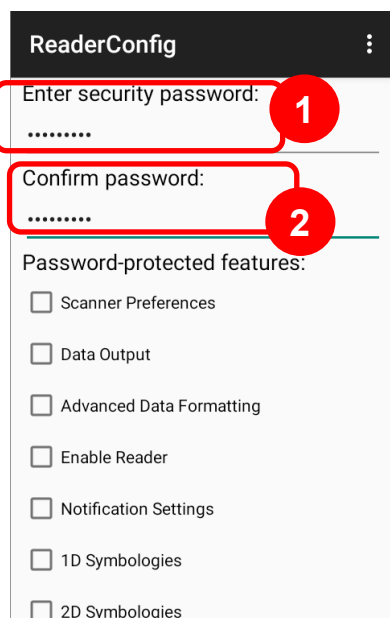
1.2.4 SECURITY

You can set a password to restrict other users of this mobile computer from changing certain configurations or accessing certain functions in **ReaderConfig**.

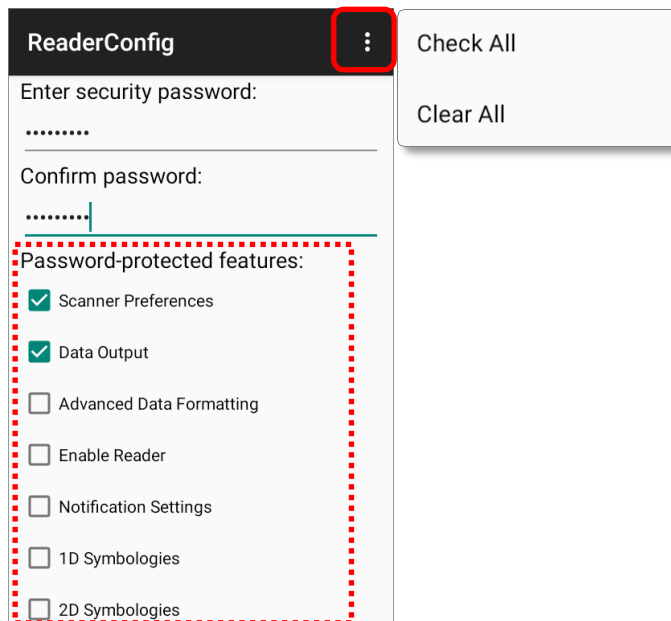
- 1) Tap the more button  on the action bar to open the option menu.
- 2) Tap **Security**.



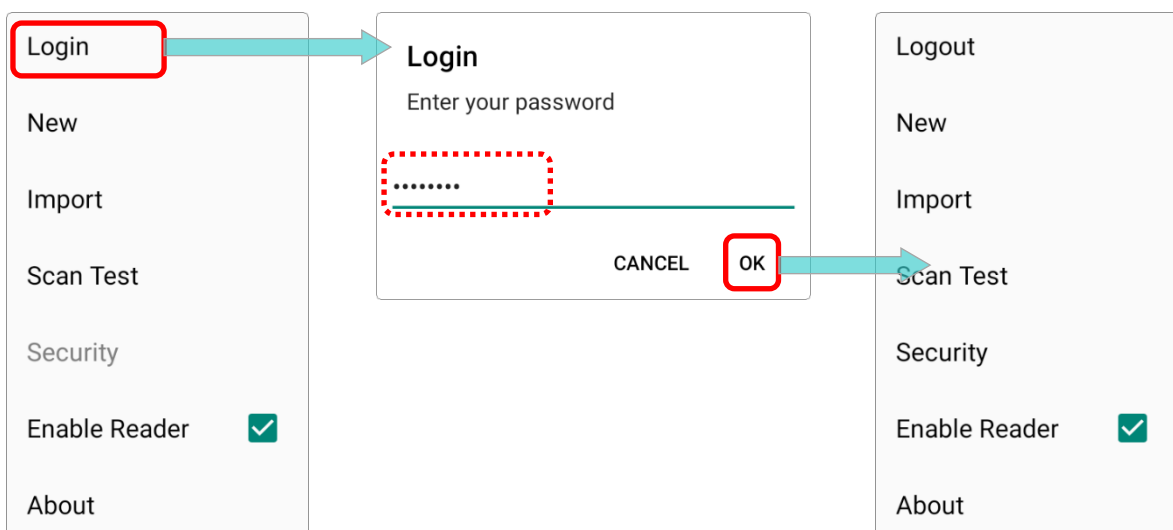
- 3) Enter and confirm a password (up to 32 characters, containing at least 1 digit or 1 alphabetic letter).



- 4) Check the items that will be protected by this **password**. Tap on more button on the action bar of security page, you can tap on “**Check All**” to select all the items while “**Clear All**” to clear the password and cancel the checked items.



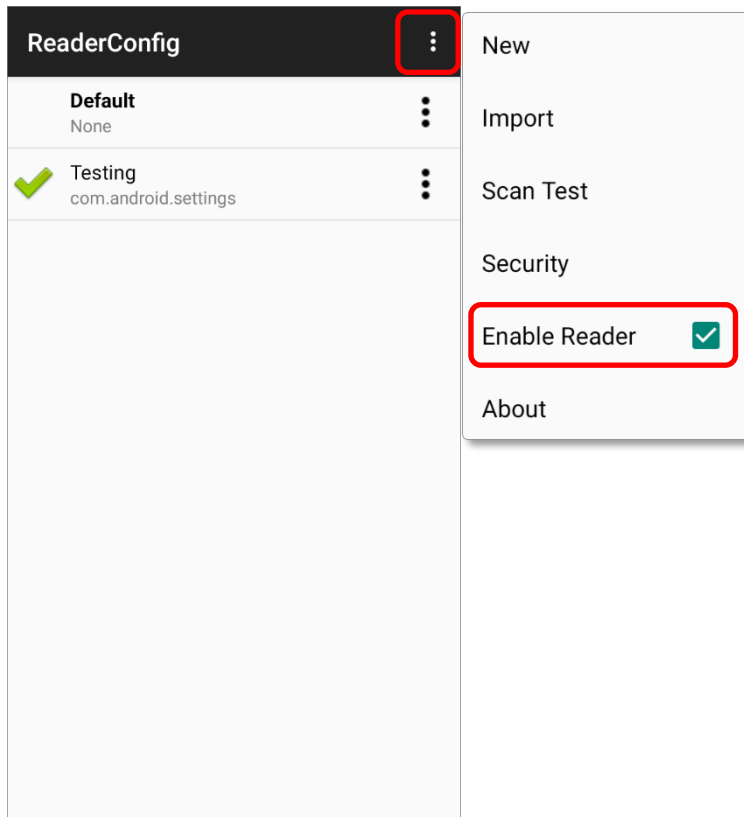
Once security password is enabled, “**Security**” and the password-protected features become unavailable after logging out. User needs to enter the password to login to perform the function(s) locked by the password.



1.2.5 ENABLE READER

Tick or untick the checkbox to enable or disable reader scanning ability.

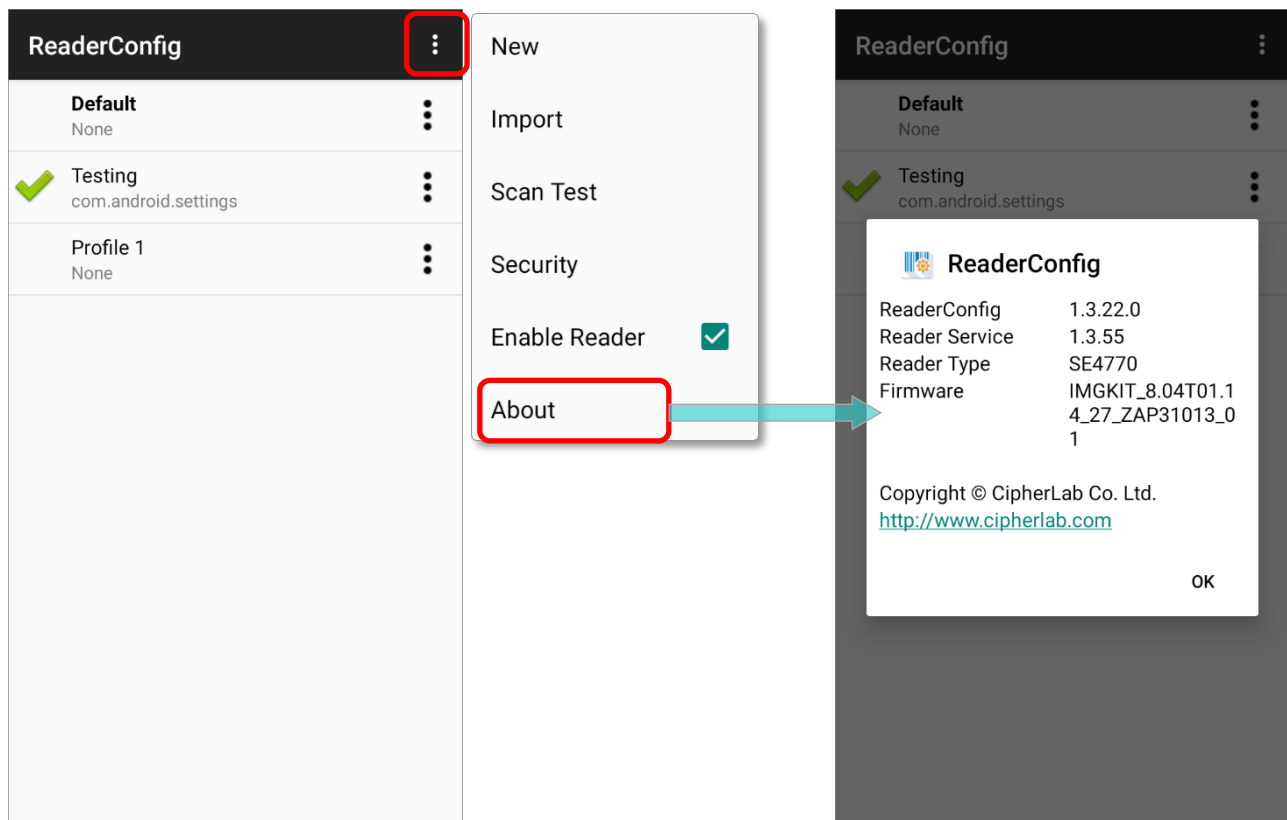
When enabled, a light beam will be sent out from the scanning window each time the trigger (scan key) is pressed.




By default, the reader is enabled.

1.2.6 ABOUT

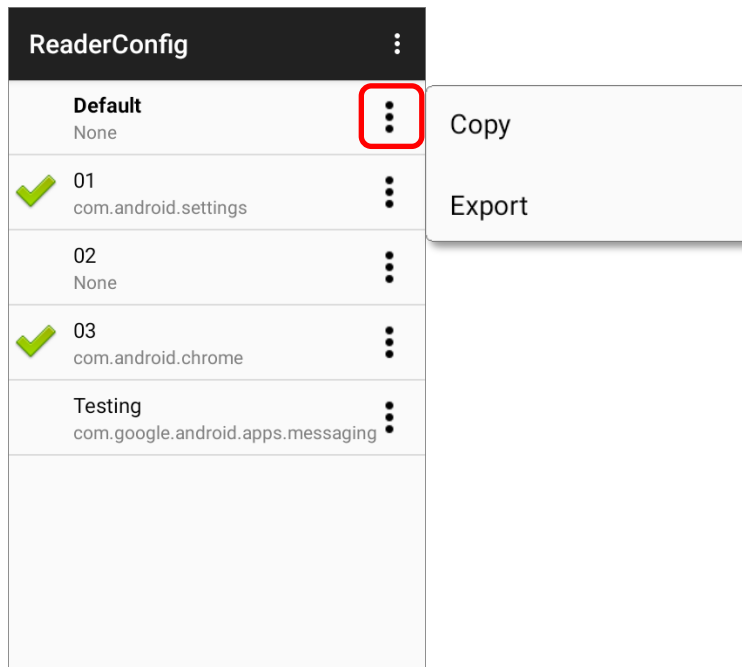
Tap “**About**” in the ReaderConfig main menu to display software version, reader type, and copyright information.



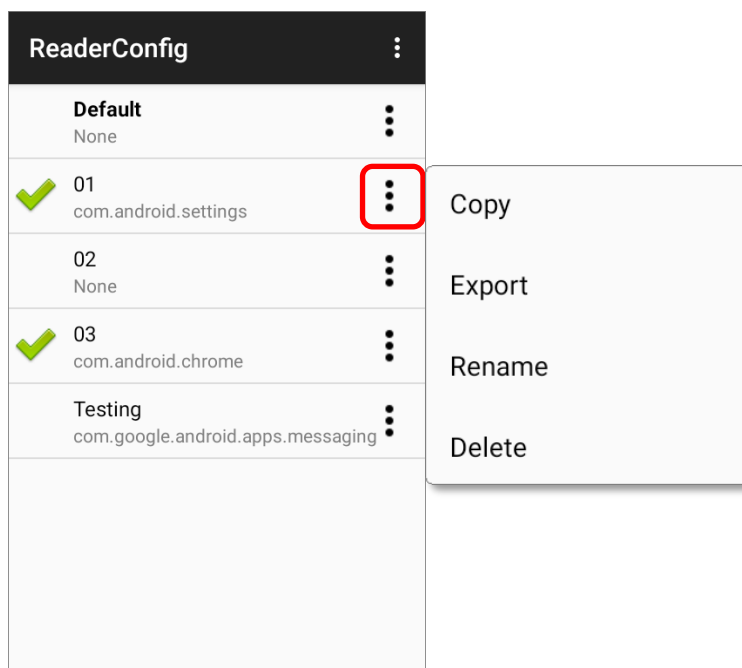
1.3 PROFILE MENU

Profile menu is for profile management. Tap more button  on the right of the profile to display the profile menu. The profile menu contains options that are specific to the profile. The options are described in the followings sections:

- **Default Profile Menu**




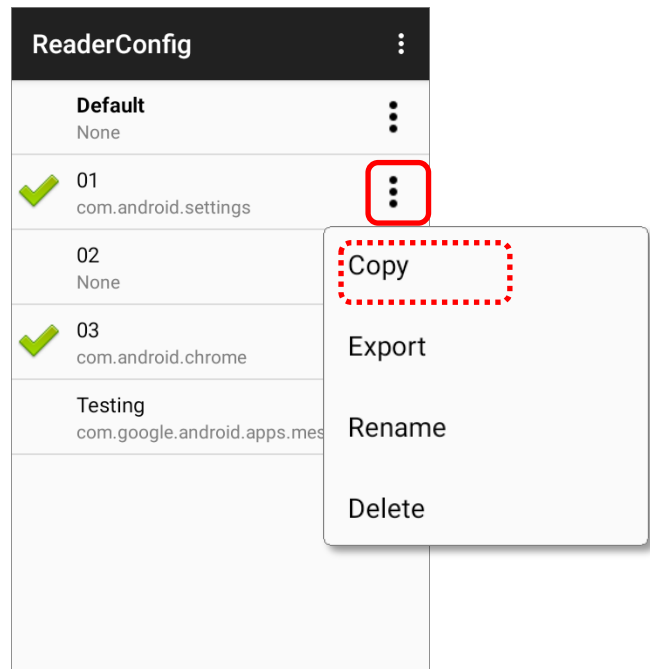
- **Profile Menu**



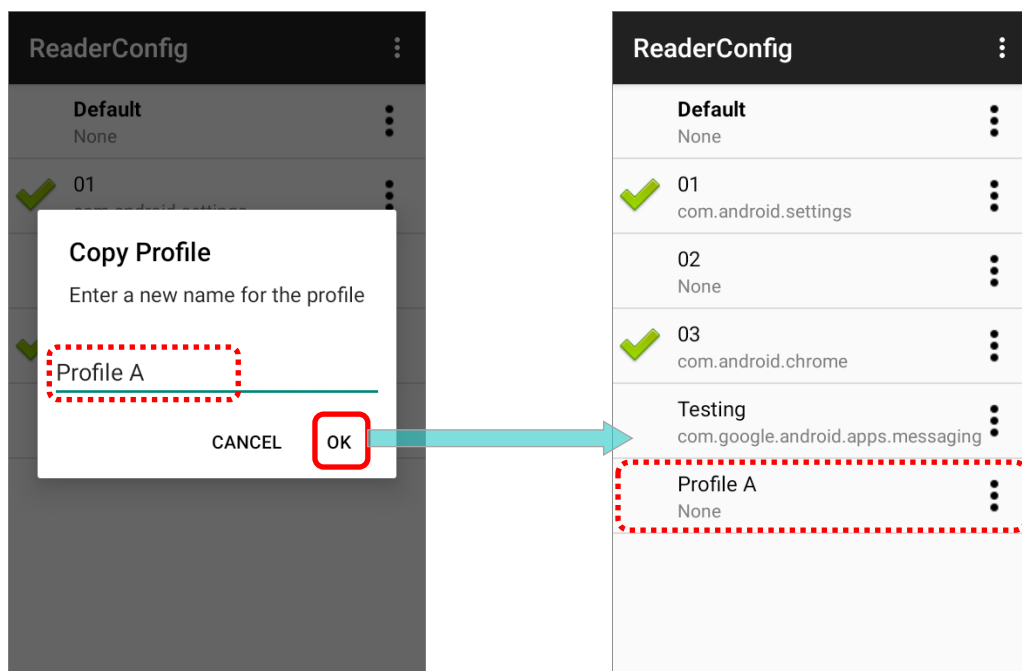
1.3.1 COPY

You can copy an existing profile and make changes from it. To copy a profile:

- 1) Tap the more button  next to the profile you would like to copy, and select **"Copy"** from its profile menu.




- 2) Enter a name for the new profile and press the **"OK"** button to make a copy.



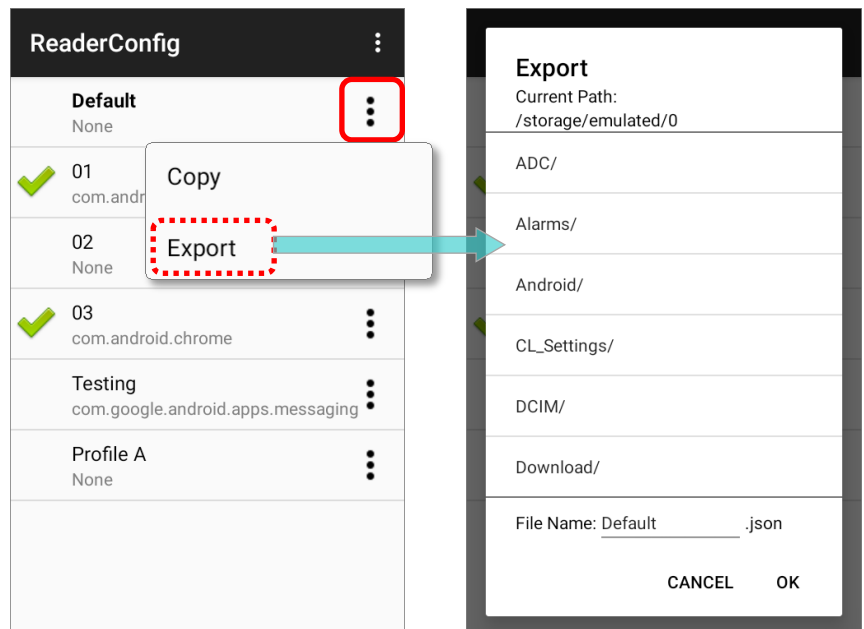
Note: An app can be set as [the associated app](#) to only one profile. Thus, [the "Profile" part](#) will not be duplicated when copying a profile.

1.3.2 EXPORT

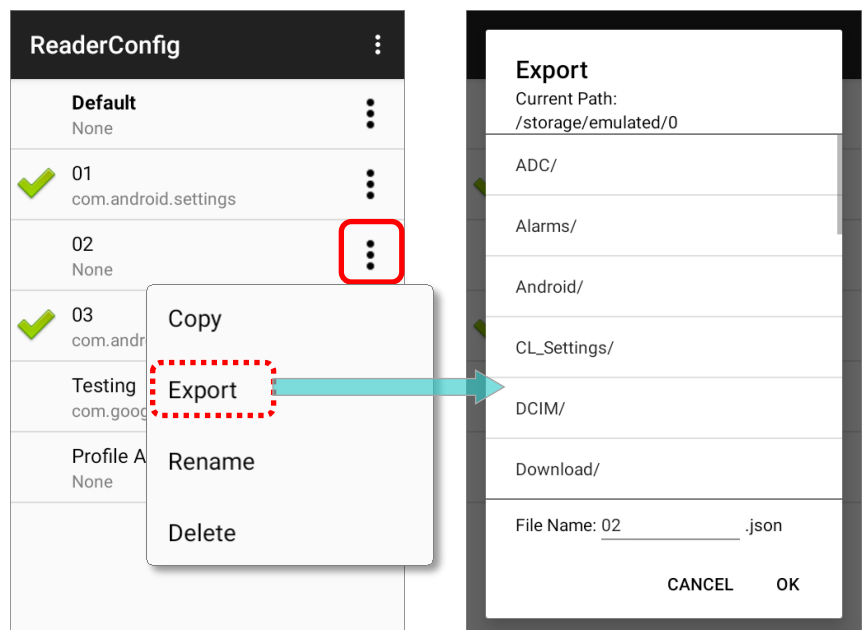
To export a profile, tap the more button  next to the profile that you would like to export and select “**Export**”. An export page opens allowing you to enter the name and location of the profile to save.

Tap **OK** to export. A prompt will appear on-screen to notify that settings have been exported.

■ Default Profile Menu




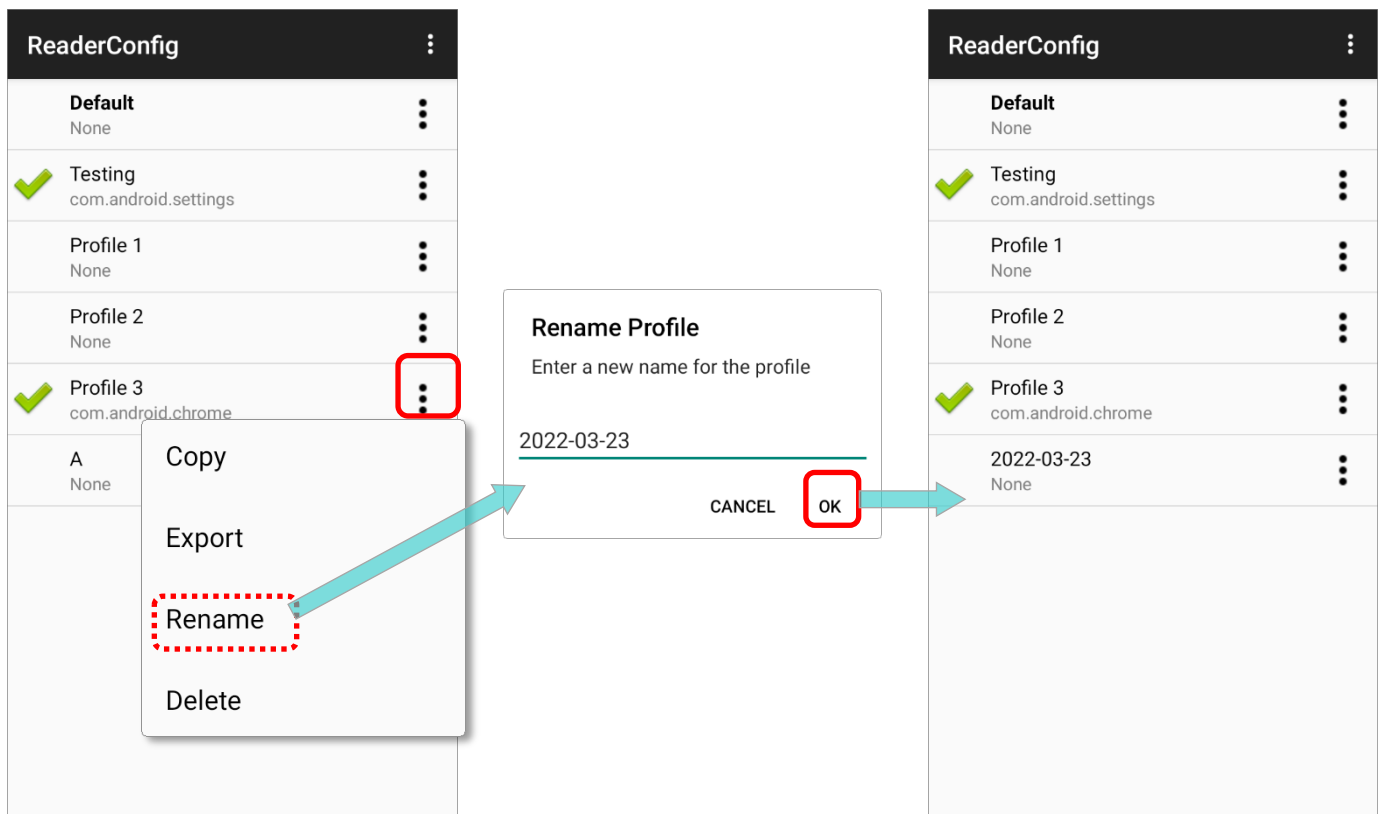
■ Profile Menu




Note: The exporting profiles will be saved as a .json file.

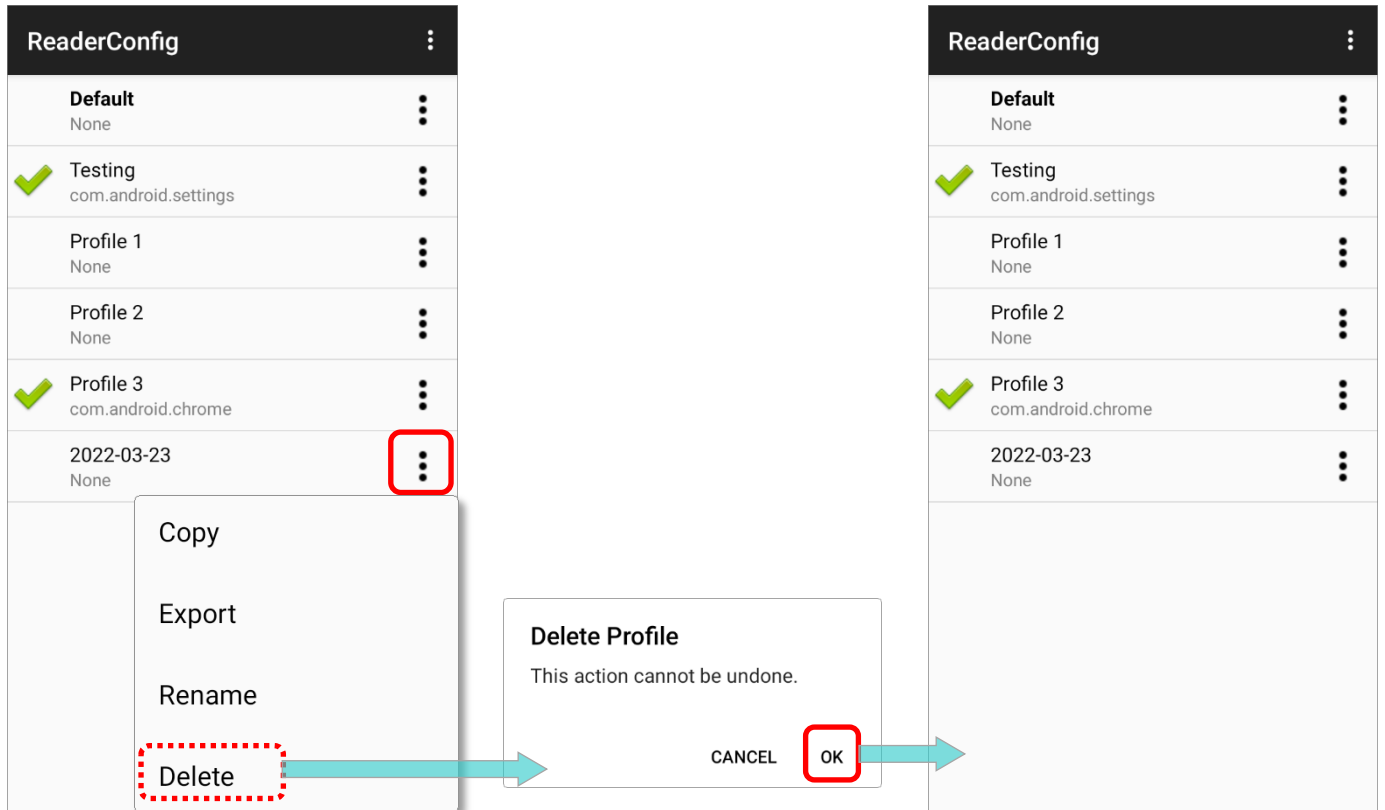
1.3.3 RENAME

To rename an existing profile, simply tap on the more button  next to the profile you'd like to rename and select **Rename**. Then, enter a new name for the profile. Finally, tap **OK** button to change its name.



1.3.4 DELETE

To delete a profile, simply tap on the more button  next to the profile you would like to delete and select **Delete**. Tap **OK** on the confirmation dialog to delete the profile.



GENERAL SETTINGS

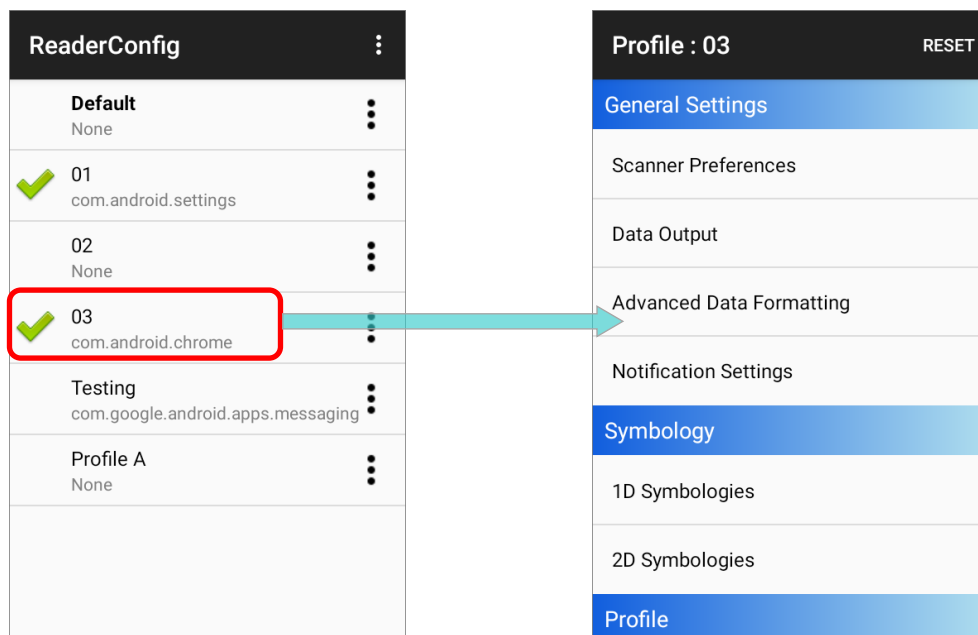
ReaderConfig launches in context with the reader module(s) on board the mobile computer. On the profile main settings page are three sections: **General Settings**, **Symbology** and **Profile**. This chapter will walk you through the part of “**General Settings**” where all reader settings are accessed from.

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2.1 OVERVIEW

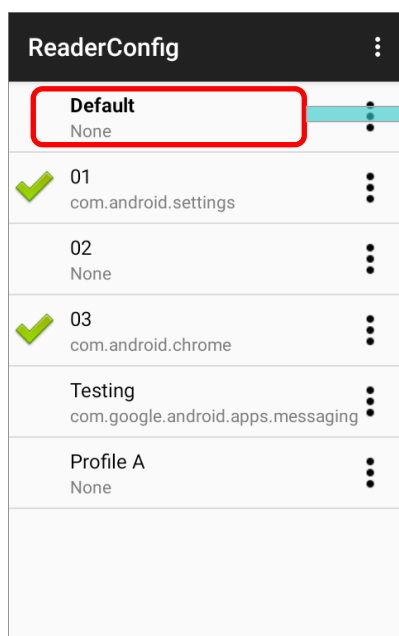
Tap on a profile to enter the profile main page for further settings.



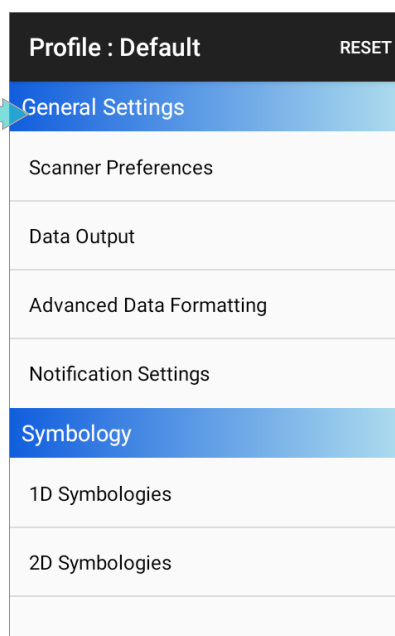
PROFILE MAIN SETTING PAGE

"Default" profile is without the function of [associated app](#) on its profile main page as the figure below:

ReaderConfig Main Screen

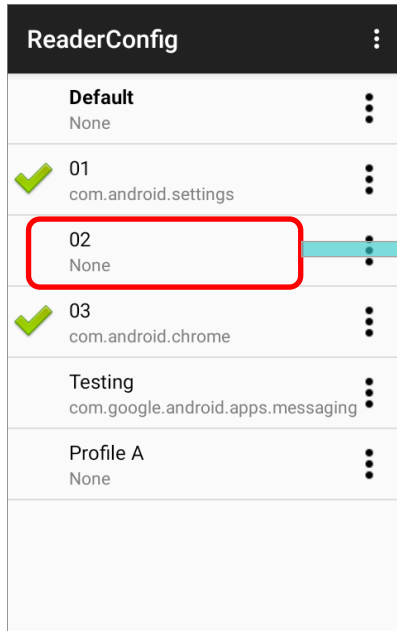


Default Profile Main Setting Page

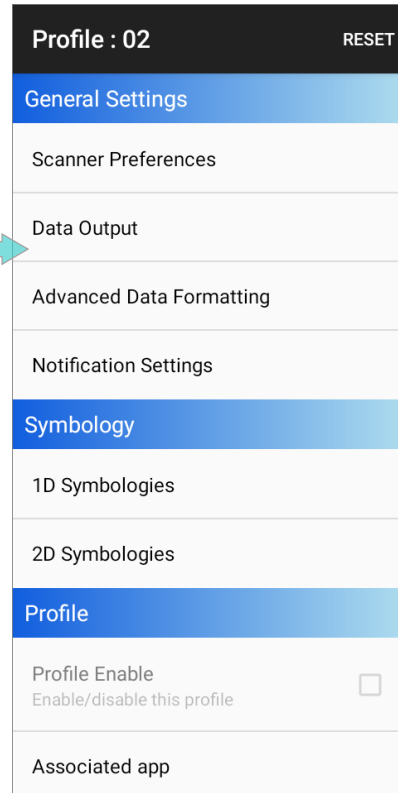


If you have to set [associated app](#), please enter the profile other than “**Default**”, swipe to find “**Associated App**”, select the app, and enable this profile. Please refer to [Profile](#) for details.

▪ **ReaderConfig Main Screen**



▪ **Profile Main Setting Page**



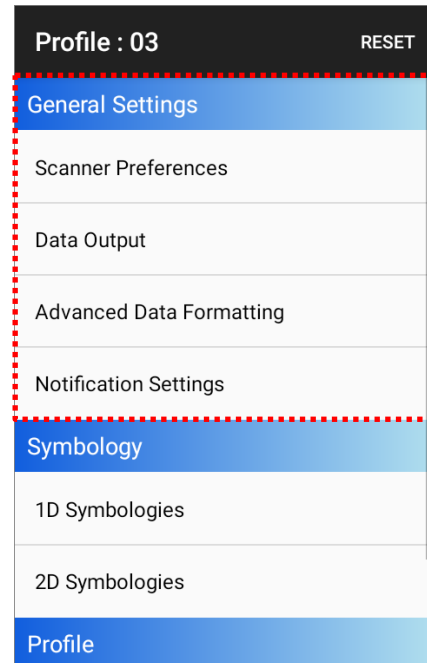
The profile main page contains 3 classifications: “**General Settings**”, “**Symbology**”, and “**Profile**” (except of “**Default**” profile). **General Settings** is where all reader settings are accessed from. **Symbology** lists the symbologies for you to decide whether to read and how to decode. And **Profile** is to set the availability of this profile and what application this profile works with.

Each classification has several subclassifications, simply tap on each item to enter the sub-menu.

INTRODUCTION OF GENERAL SETTINGS

The subclassifications under **General Settings** include:

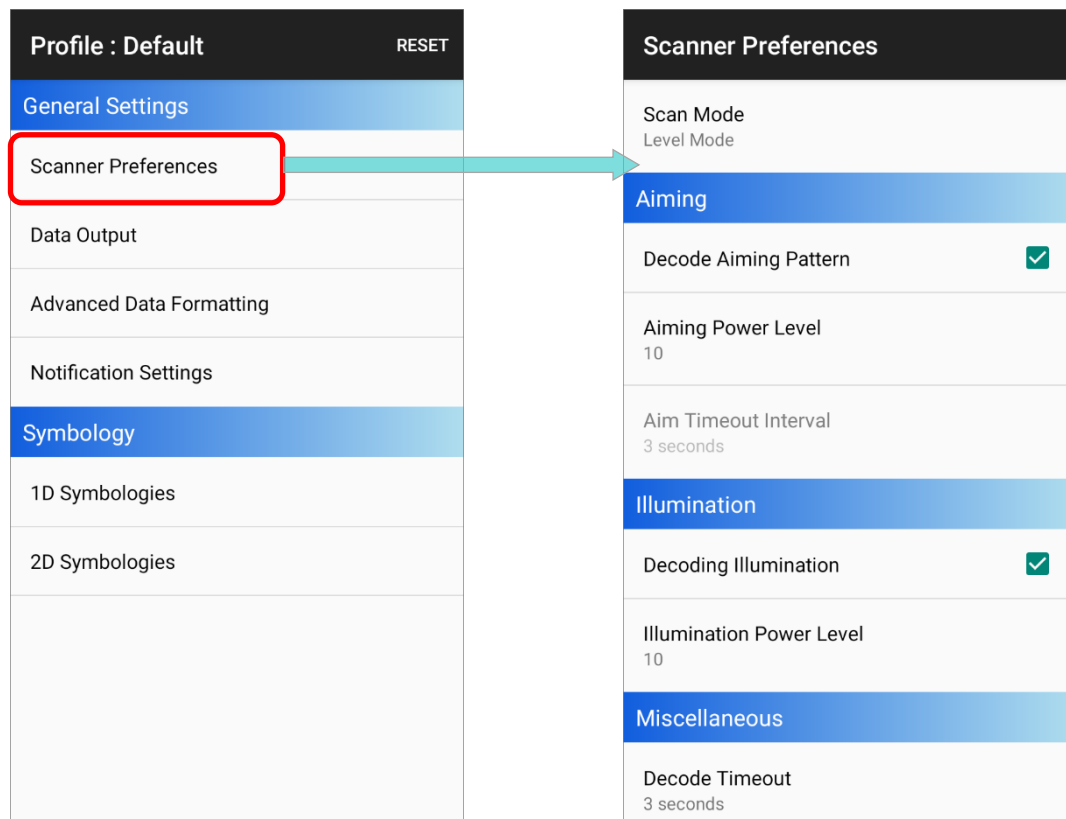
- **Scanner Preferences**
Define how the scan engine conducts.
- **Data Output**
Set the way to output the decoded data.
- **Advanced Data Formatting**
Customize the output data.
- **Notification Settings**
Configure the device feedback for good read.



Tap on the subclassifications for detailed settings.

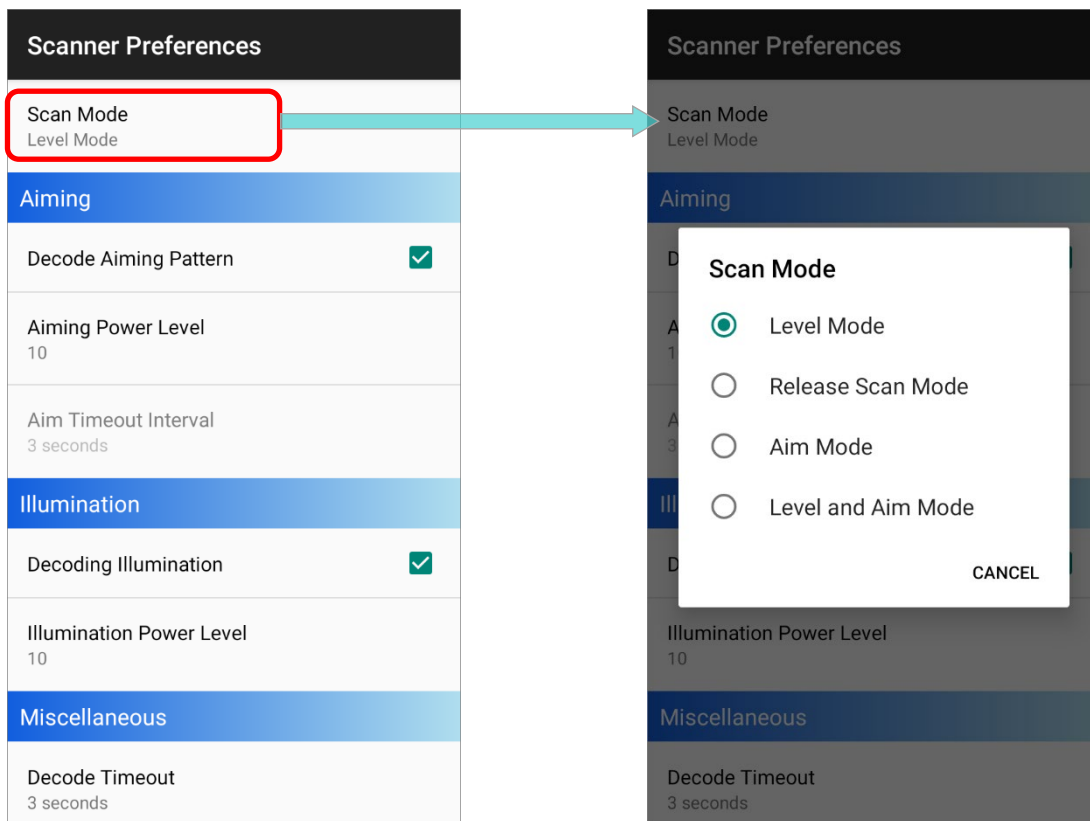
2.2 SCANNER PREFERENCES

Options on the **Scanner Preferences** page differ according to the type of scan engine built within the mobile computer. Simply tap to open **Scanner Preferences** page:



2.2.1 SCAN MODE

Scan Mode is to set the reader's scanning behavior.



The available options are different depends on the device model and the built-in scan engine. The options for “**Scan Mode**” are as below:

LEVEL MODE

The decoding process is activated by a trigger event, and continues until the trigger event ends, a valid decode happens or decode session time-out is reached.

RELEASE SCAN MODE

Keep pressing the scan key to project the aiming pattern, and the decoding process is not triggered till the scan key is released.

AIM MODE

Press the scan key once to project the aiming pattern, and then press the scan key again (before the aiming pattern fades) to trigger the decoding process.

LEVEL AND AIM MODE

Press the scan key once to project the aiming pattern and then press again to decode. The aiming pattern remains after successfully decoding, and the reader is ready to decode by pressing the scan key again.

PRESENTATION MODE

When this device is executing Barcode reader service under this mode, the reader module will stay active and automatically turn off after the user-defined period of time (Presentation Usage Time).

CONTINUOUS

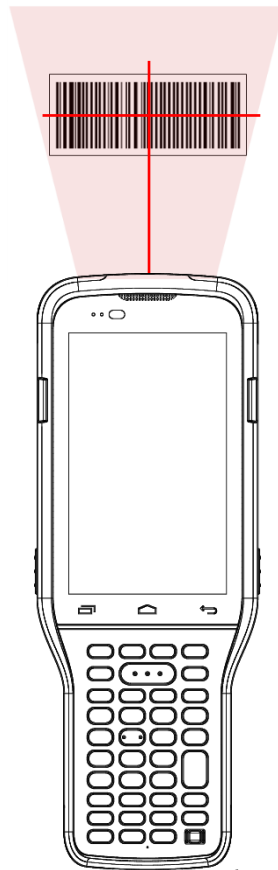
To decode the same barcode repeatedly or decode different barcodes in a continuous motion.

LEVEL (FOR SE965)

Reads a barcode when the trigger is pressed.

2.2.2 AIMING

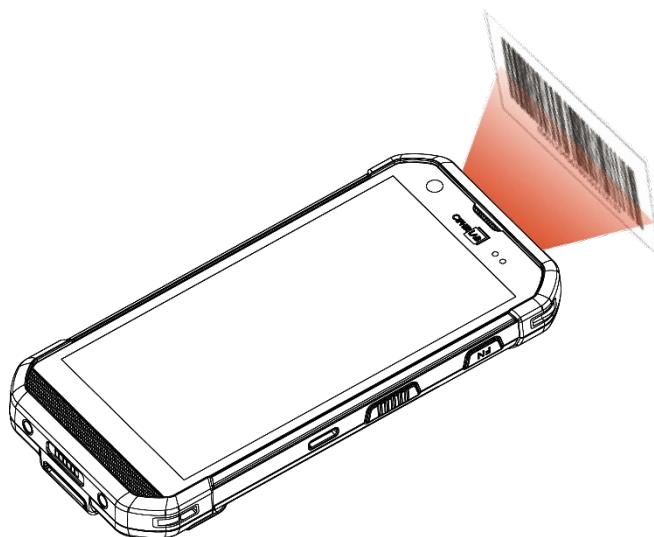
Aiming controls the light beams when scanning. Is to set the projected crosshair wires which you use to help you aim at the barcode to be read.



Setting	Description	Default
Decode Aiming Pattern	Project a crosshair at the center of the laser light beam to facilitate barcode reading.	Selected (Enabled)
Aiming Power Level	The power intensity of the the aiming pattern. This function is only available when setting Scan Mode as Aim Mode or Level and Aim Mode .	10
Aim Timeout Interval	A time period that the aiming pattern is projected for Aimer Mode . This function is only available when setting Scan Mode as Aim Mode or Level and Aim Mode .	3

2.2.3 ILLUMINATION

Illumination controls the light beams and its intensity when scanning.



Setting	Description	Default
Decoding Illumination	Enable an LED light beam to aid barcode reading.	Selected (Enabled)
Illumination Power Level	Users can adjust the illumination brightness of the LED light source. Move the slider to specify a value ranging from 1 to 10 to set the brightness level which is set to 10 by default meaning 100% illuminated.	10

2.2.4 MISCELLANEOUS

DECODE TIMEOUT

Set the maximum time for the decoding process during a scan.

Configurable between 1 seconds to 9 seconds, and the default is **3 seconds**.

REDUNDANCY LEVEL

Set how many successful readings should be done before linear barcodes such as Codabar, MSI, and Interleaved 2 of 5 can be decoded.

Available from Level 1 to Level 4, and the default is **Level 1**.

SECURITY LEVEL

Set the security level to ensure decoding accuracy considering the printed quality of barcodes such as Code 128, Code 93, and UPC/EAN. The higher the level is, the more security is ensured.

Options are:

Level	Description
0	With this default, the scan engine is aggressive enough to decode most “in-spec” barcodes.
1	Select this level if misdecodes have occurred. It fixes most misdecodes.
2	Select this level if Level 1 should fail to eliminate misdecodes.
3	Select this level if Security Level 2 should fail to prevent misdecodes. However, as this level actually impairs the decoding ability of the decoder, a safer solution would be to improve the quality of the bar codes to read.

The default is **Level 0**.

INTER-CHAR GAP SIZE

Set the intercharacter gap size for Code 39 and Codabar. This option is to allow the digital scanner to adjust its decoding standard so as to tolerate out-of-specification bar codes that are improperly printed out (which may cause the intercharacter size to become larger). Switch between Normal and Large.

The default is **Normal**.

PICKLIST MODE

When selected, only barcodes aligned at the crosshair of the laser light beam will be decoded.

The default is **Deselected (Disabled)**.

DISPLAY MODE

Enable improved performance for reading barcodes on electronic displays and mobile phones.

The default is **Deselected (Disabled)**.

INVERSE TYPE

Decide whether to disable or enable decoding inverse barcodes, or set as auto.

The default is **Regular only**.

ADDON REDUNDANCY

Function when "auto-discriminate" is applied for UPC/EAN addons. Decides the number of times of supplemental decoding of the same barcode in order to count as a valid read. Configurable between 2 and 30.

The default is **10**.

TRANSMIT AIM CODE ID

Set whether to include AIM code ID character in the decoded data.

For AIM code ID, please refer to **Code 128 Emulation** of [Symbology Settings](#).

The default is **Deselected (Disabled)**.

MULTI DECODE MODE

Enable to decode multiple barcodes by one scan. The default is **Disabled**.

The further settings are:

- **Full Read Mode**
Enable to initiate a decode event after the configured count of barcodes are read.

- **Barcode To Read**
Determine how many barcodes within the scan field will be read to trigger a decode event.

Note: “Multi Decode Mode” supports SE4500, SE4750SR/MR, SE4770, SM2+SDC, and SM4+SDC.

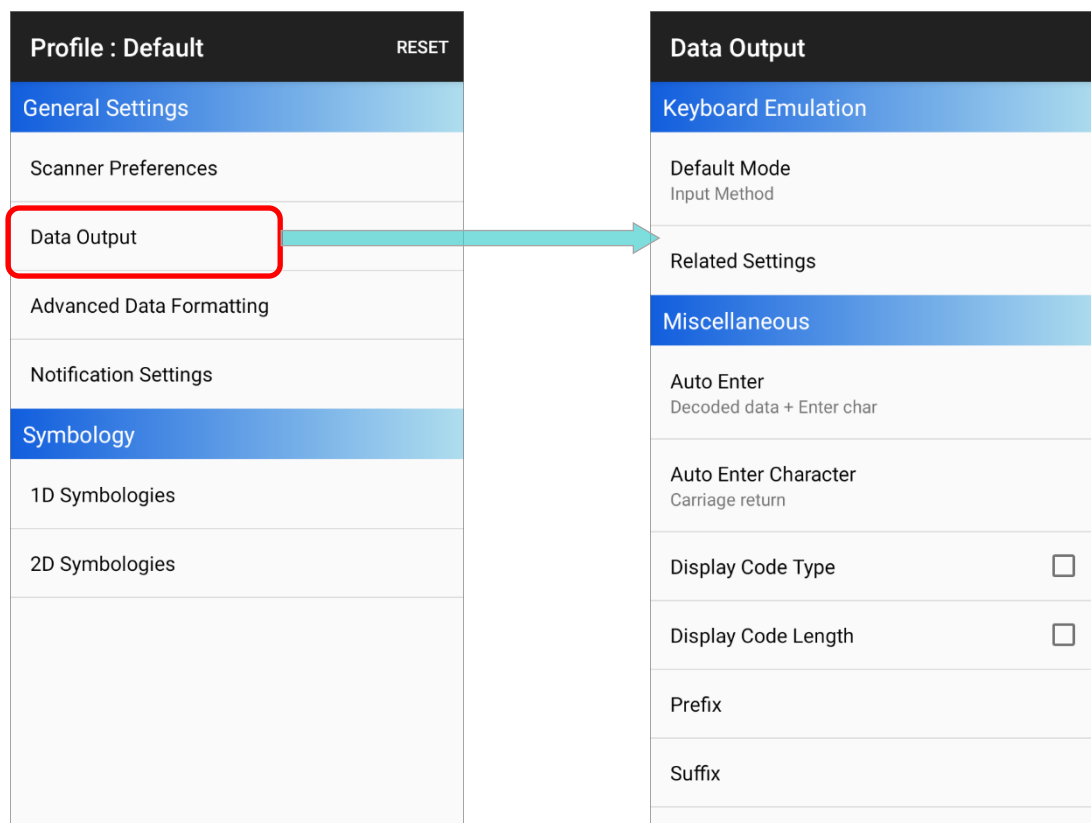
1D QUIET ZONE LEVEL

Quiet Zone, also known as “**light margin**”, indicates the blank area to the left and right of the barcode. It’s for the scanner to identify the beginning and the end of the barcode to prevent the improper scanning.

Available from Level 0 to Level 3, and the default is **Level 1**.

2.3 DATA OUTPUT

Data Output allows users to set the way to output decoded data.

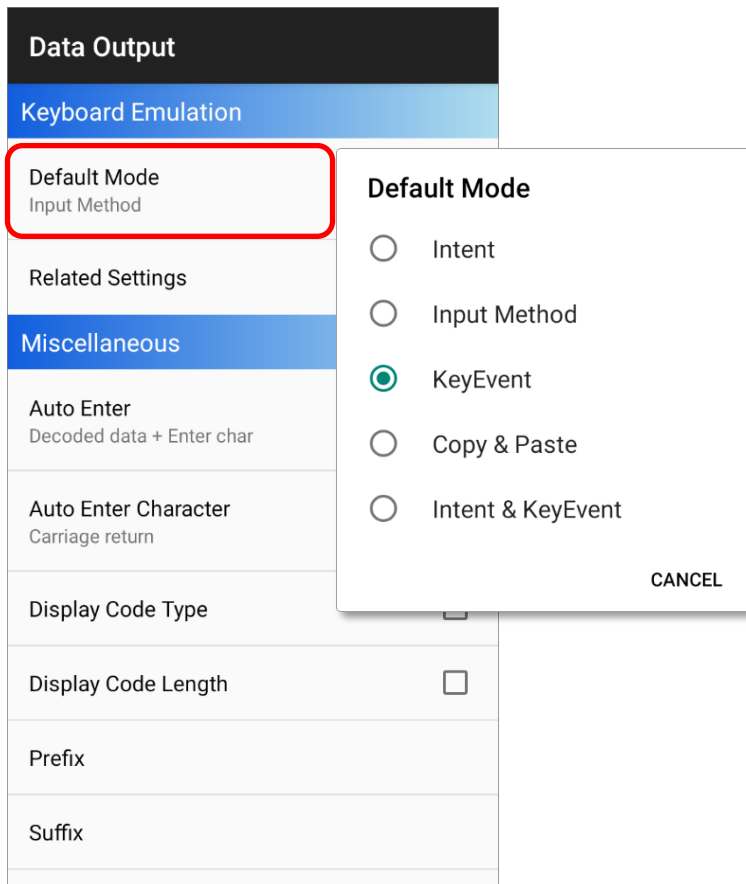


Note:

Depends on the device model, the available functions may slightly different. In this section, all the functions are listed.

2.3.1 KEYBOARD EMULATION

Keyboard Emulation is to set the data output method which controls the way the data is sent.



When enabled by setting the default mode other than “**Intent**”, The reader module treats decoded data as typed text and outputs it to the active application on the mobile computer. The default mode is set as “**Input Method**”, and the options are as the followings :

INTENT

Disables keyboard emulation. The decoded data will be sent by the broadcast intent message.

By selecting “**Intent**”, you can further set the followings:

- **Intent Action:**

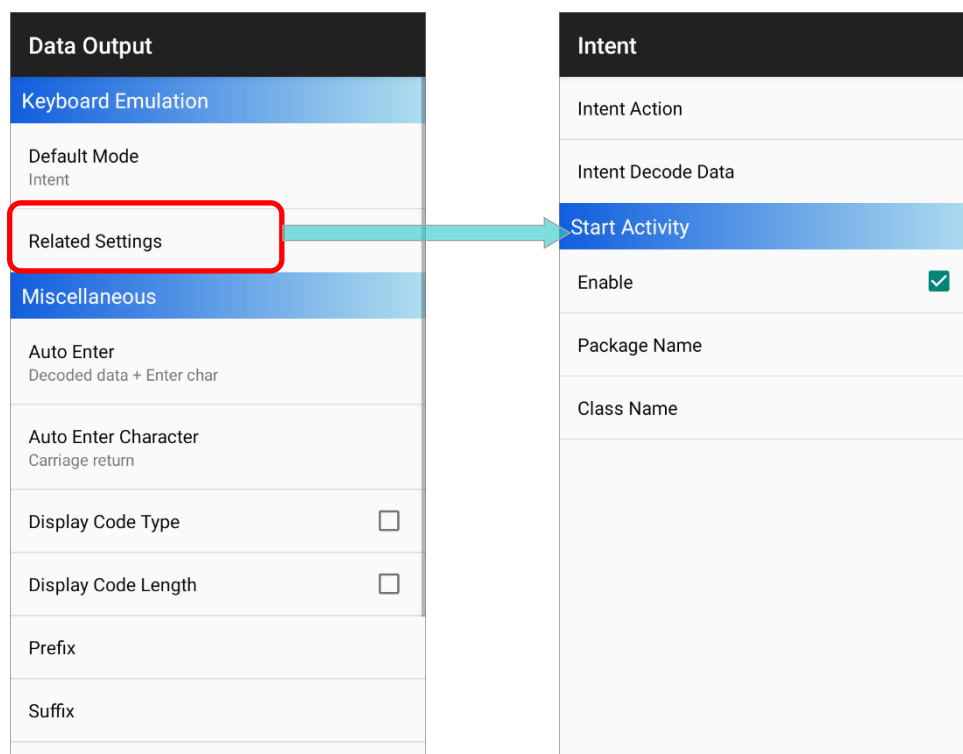
Specify the intent name according to the application which will receive the decode intent.

- **Intent Decode Data:**

Define the intent data name according to the application which will receive the decode intent.

- **Start Activity:**

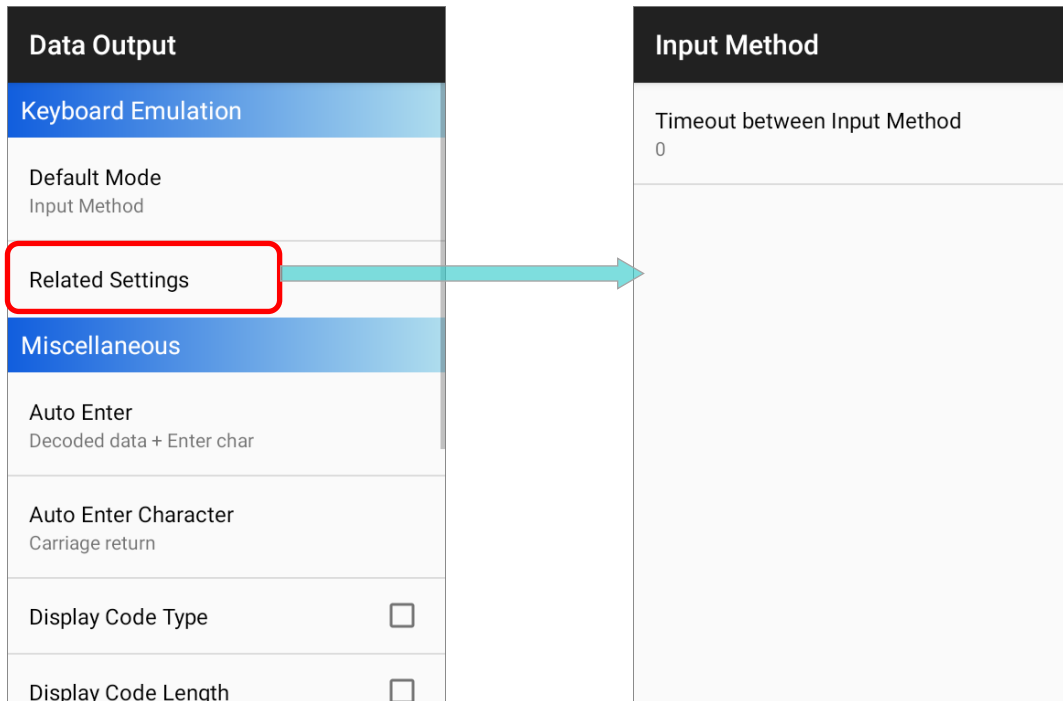
Launch an activity with intent. Enable this function and specify the “**Package Name**” and “**Class Name**”.



INPUT METHOD

Allows the active application to receive characters or symbols that can be input by the input method.

By setting “**Input Method**”, you can further set “**Timeout between Input Method**” on “**Related Settings**” page.

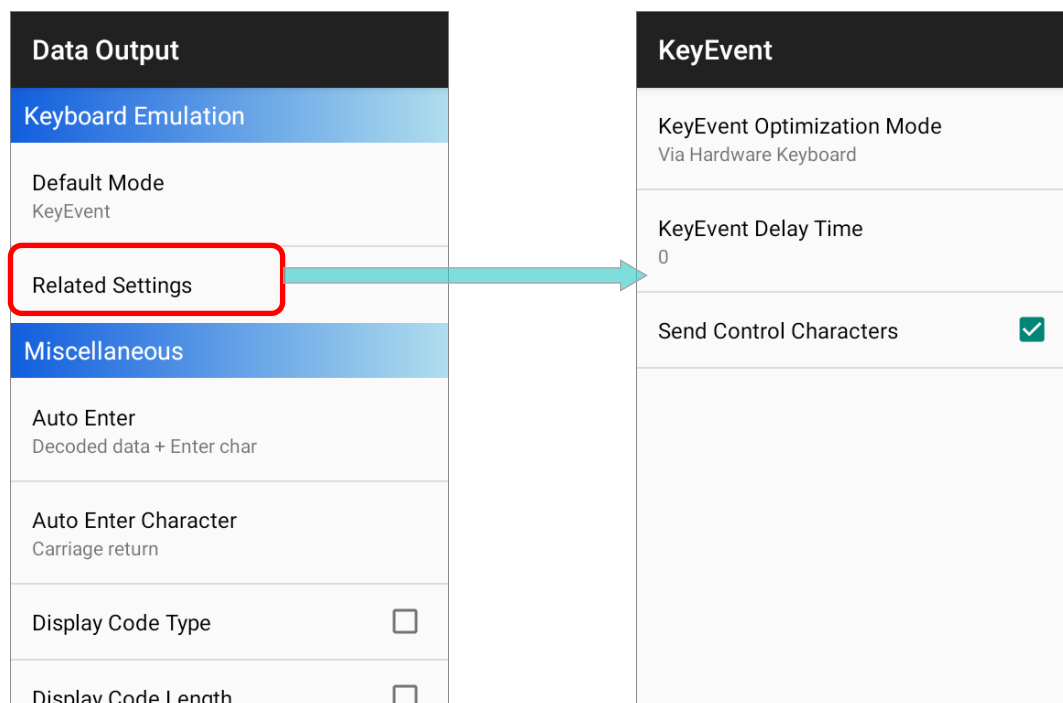


Setting	Description	Default
Timeout between Input Method	<p>To specify the pause time between data to be transmitted.</p> <p>The function is only available when “Keyboard Emulation” is set to be “Input Method”.</p>	0

KEY EVENT

Allows the active application to receive characters or symbols that can be input by key events.

When “**KeyEvent**” is enabled, you can set **KeyEvent Optimization** in “**Related Settings**”.



Setting	Description	Default
KeyEvent Optimization Mode	Send KeyEvent through Software Input Method (virtual keyboard) for better performance whereas switching off to send KeyEvent by Hardware KeyEvent as the default setting. <ul style="list-style-type: none"> ▶ Via Hardware Keyboard ▶ Via Software Keyboard ▶ Via Activity 	Via Hardware Keyboard
KeyEvent Delay Time	Set the millisecond you need to postpone the key event triggered by the decoded data.	0 ms
Send Control Characters	Send control characters in ASCII code format as KeyEvent.	Enable

COPY & PASTE

Copy the decoded data and paste it to the active application.

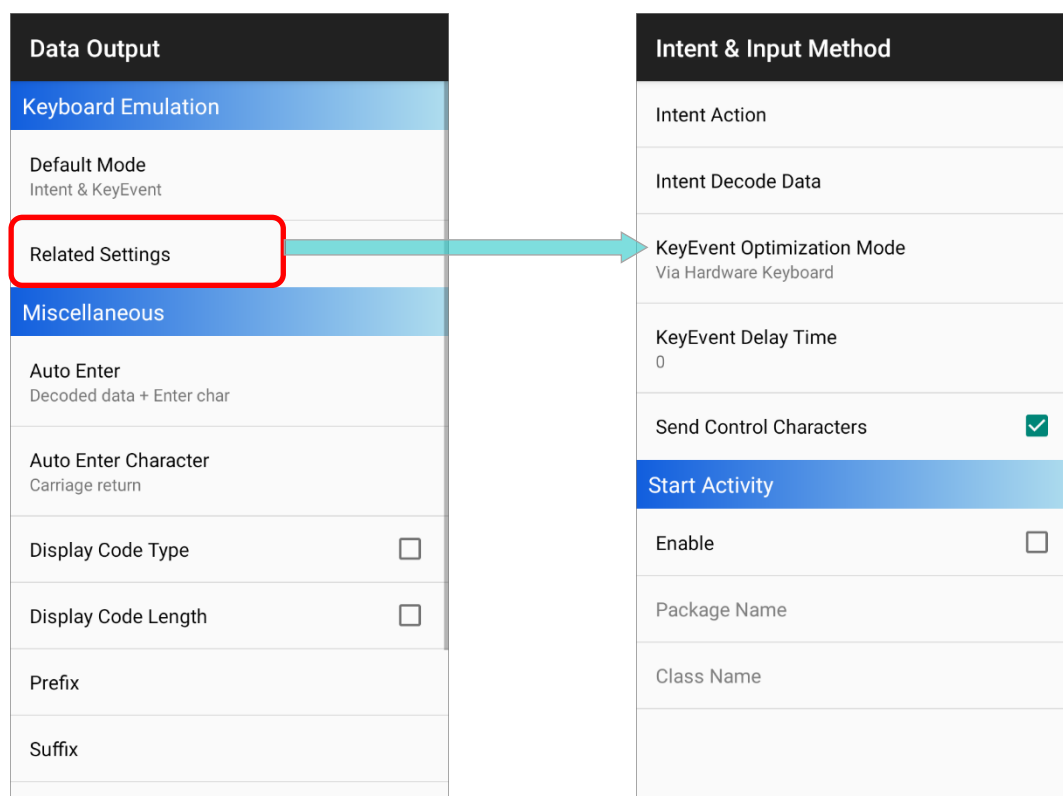
You can further set **"Copy Only"** if **"Copy & Paste"** is enabled:

Setting	Description	Default
Copy Only	Copy the decided data as text.	Deselected (Disable)

INTENT & KEYEVENT

The decoded data will be sent by the broadcast, and enable keyboard emulation via key event.

The following function can be set if **"Intent & KeyEvent"** is enabled:



- **Intent Action:**

Specify the intent name according to the application which will receive the decode intent.

- **Intent Decode Data:**

Define the intent data name according to the application which will receive the decode intent.

- **KeyEvent Optimization Mode:**

Send KeyEvent through Software Input Method (virtual keyboard) for better performance whereas switching off to send KeyEvent by Hardware KeyEvent as the default setting.

- ▶ Via Hardware Keyboard
- ▶ Via Software Keyboard
- ▶ Via Activity

- **KeyEvent Delay Time**

Set the millisecond you need to postpone the key event triggered by the decoded data.

- **Send Control Characters**

Send control characters in ASCII code format as KeyEvent.

- **Start Activity:**

Launch an activity with intent. Enable this function and specify the "**Package Name**" and "**Class Name**".

2.3.2 MISCELLANEOUS

After determining the [keyboard emulation](#) type, please configure how to output the decoded data, i.e. the "**format**" to present decoded data.

Data Output	
Miscellaneous	
Auto Enter	Decoded data + Enter char
Auto Enter Character	Carriage return
Display Code Type	<input type="checkbox"/>
Display Code Length	<input type="checkbox"/>
Prefix	
Suffix	
Field Delimiter	None
Barcode Charset	UTF-8
Clear Previous Data	<input type="checkbox"/>

AUTO ENTER

Adds an ENTER character before or after each string of decoded data. The ENTER character can be defined in the "Auto Enter character" field below. This function saves the trouble of pressing a confirmation key to accept each string of decoded data.

Options are:

- ▶ Disable
- ▶ Decoded data + Enter char
- ▶ Enter char + Decoded data

The default is **Decoded data + Enter char**.

AUTO ENTER CHARACTER

Adds a key code before or after the decoded data. If [Auto Enter] is enabled, select the ENTER character to send.

Options are:

- ▶ None
- ▶ Carriage Return
- ▶ Tab
- ▶ Space
- ▶ Comma
- ▶ Semicolon
- ▶ LF Character
- ▶ CR Character
- ▶ CRLF Character
- ▶ IME Action

The default is **Carriage Return**.

DISPLAY CODE TYPE

Prefixes the output data with code type information.

The default is **Deselected (Disabled)**.

DISPLAY CODE LENGTH

Suffixes the output data with code length information.

The default is **Deselected (Disabled)**.

PREFIX

Affixes 0 to 20 characters to the left of the output data. Tap the label to open a character table for entering the prefix.

Prefixes containing invisible characters are supported.

SUFFIX

Affixes 0 to 20 characters to the right of the output data. Tap the label to open a character table for entering the suffix.

Suffixes containing invisible characters are supported.

FIELD DELIMITER

Set the delimiter to separate the output barcode data to the following pieces: code type, decoded barcode data, and code length (if applicable).

Options are:

- ▶ None
- ▶ Comma
- ▶ Semicolon
- ▶ Full stop

The default is **None**.

BARCODE CHARSET

Specify the current decoding for barcode data.

The default is **UTF-8**.

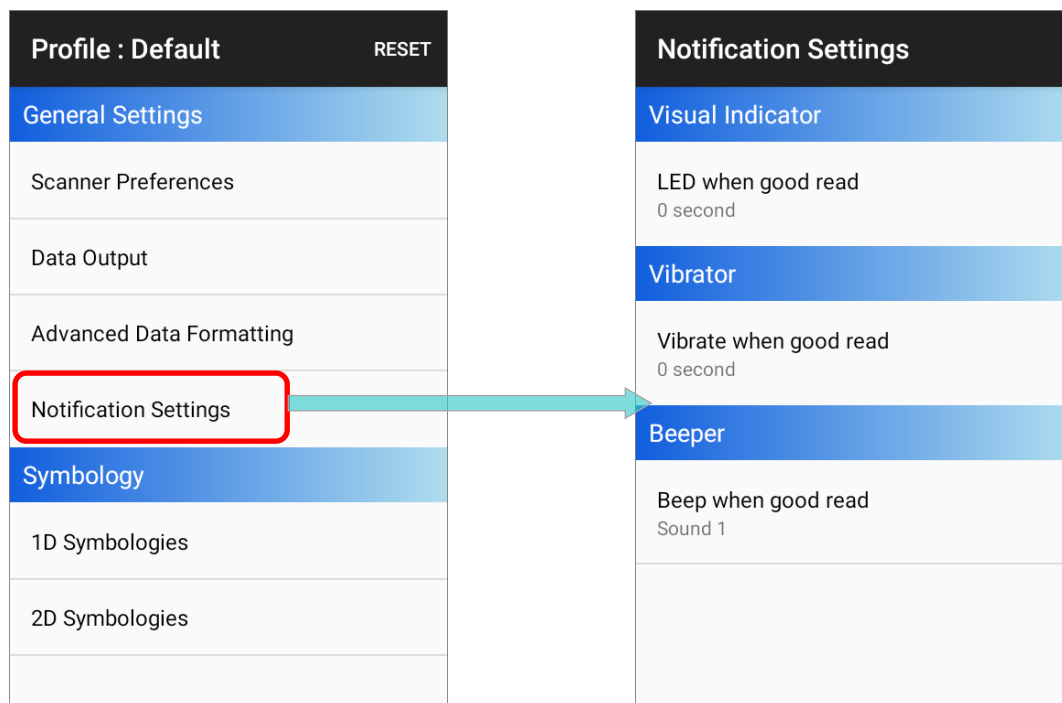
CLEAR PREVIOUS DATA

By enabling this option, only the last scanned data entry will be output.

The default is **Deselected (Disabled)**.

2.4 NOTIFICATION SETTINGS

Notification Settings enables audible, visible and tactile feedback for scanning good read, which helps notify the user of a successful decoding.



Setting		Description	Default
LED	Enable LED when good read	Select the duration of the LED light from 0 second to 4 seconds for scanning good read. 0 second means disabled.	0 (Disabled)
Vibrator	Vibrate when good read	Enable/disable tactile feedback (vibration) for good read and set the duration to vibrate.	0 second (Disabled)
Beeper	Beep when good read	Set the beeper sound for scanning good read. Users can choose to mute the beeper sound, or configure the beeper between sounds 1 to 9.	Sound 1

Chapter 3

ADVANCED DATA FORMATTING

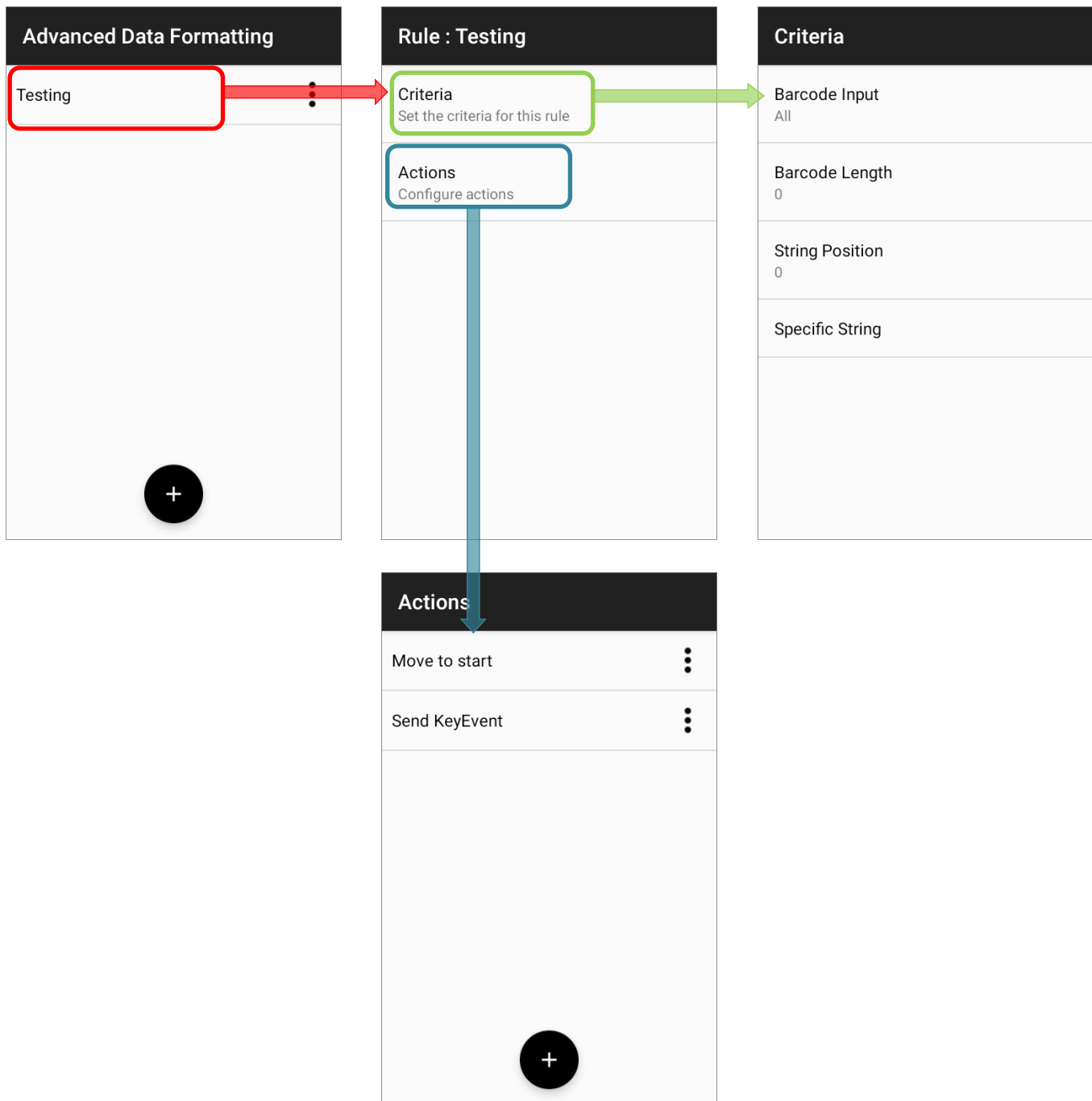
This chapter specifies “**Advanced Data Formatting**” of “**General Settings**”. User can customize the output data through the defined rules which combine “**criteria**” with “**actions**” to be performed.

IN THIS CHAPTER

3.1 Rule	48
3.2 Criteria	52
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3.4 Example	65

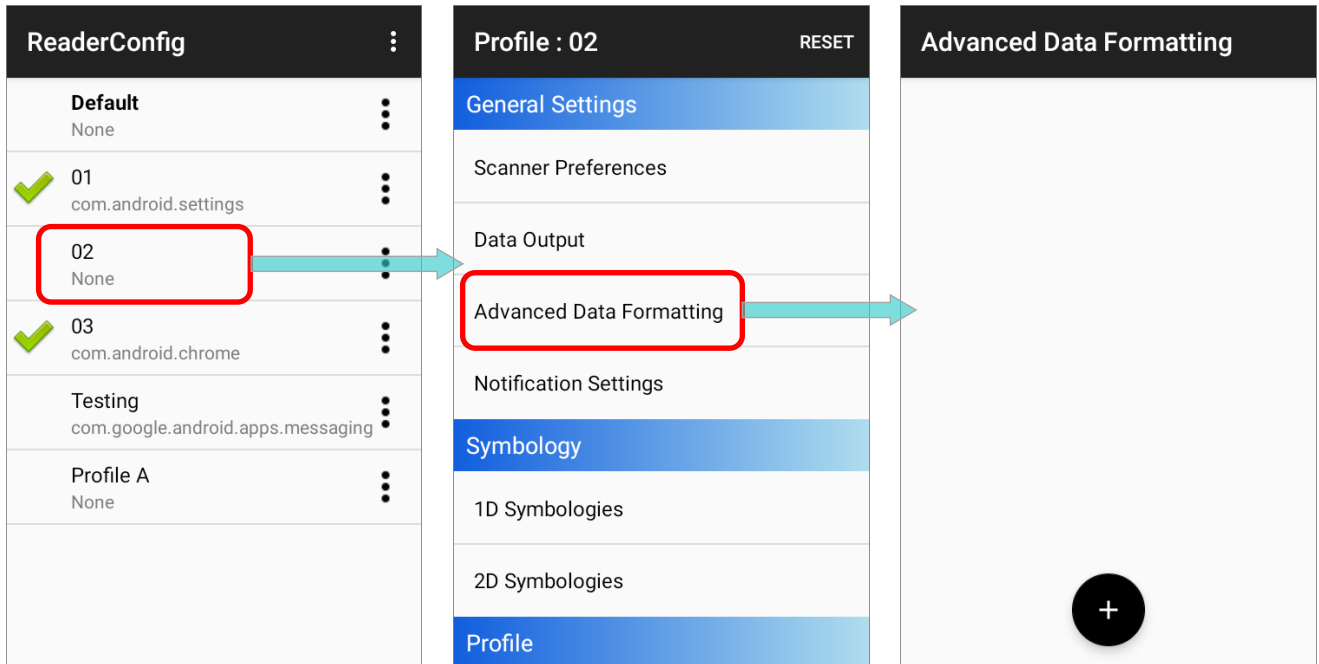
3.1 RULE


Advanced Data Formatting is to customize the decoded data and then output it by rules, and therefore Advanced Data Formatting rule(s) needs to be created beforehand. A rule combines “**criteria**” with “**actions**” to be performed. If the decoded data meets the “**criteria**”, it will be output according to the “**actions**”.

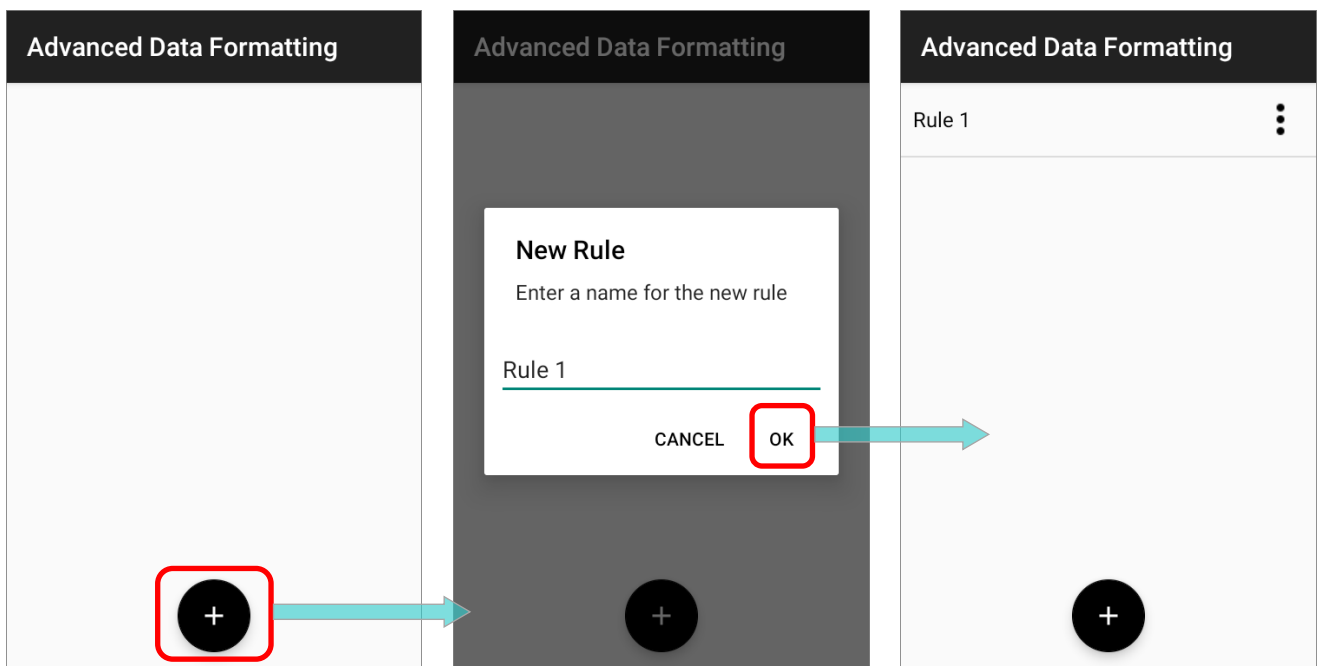


3.1.1 CREATE A NEW RULE

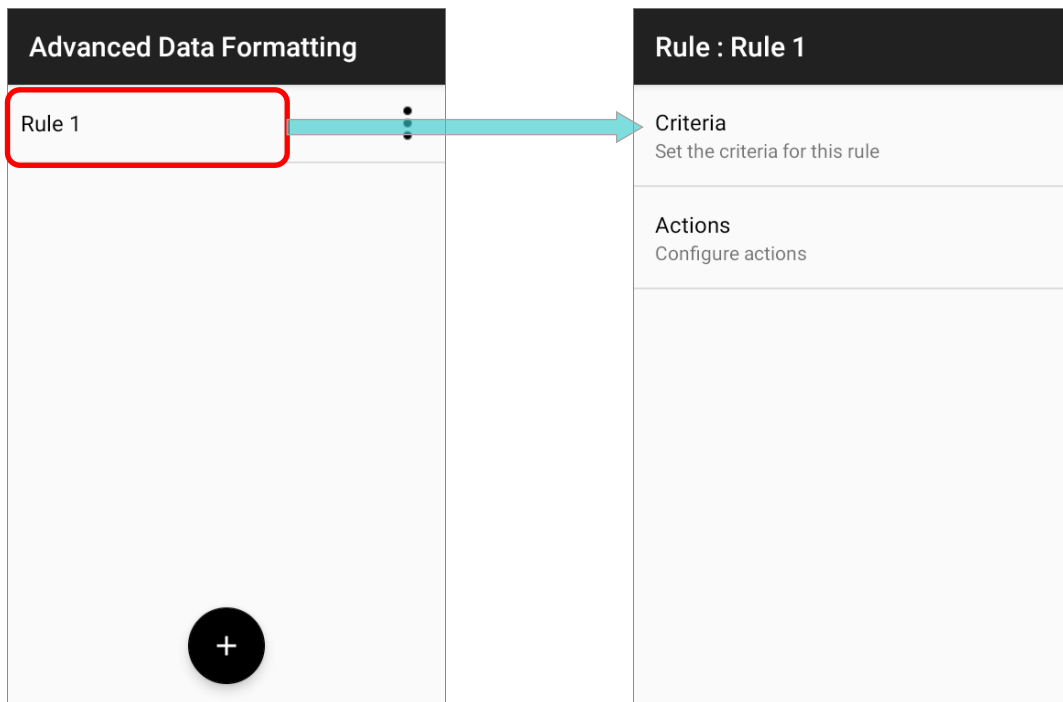
To create a new rule, please tap to enter the profile you would like to set, and then tap on **“Advanced Data Formatting”**.



Tap on the **“Add”** button  and enter the name for this new rule. Create it by tapping on **“OK”**.




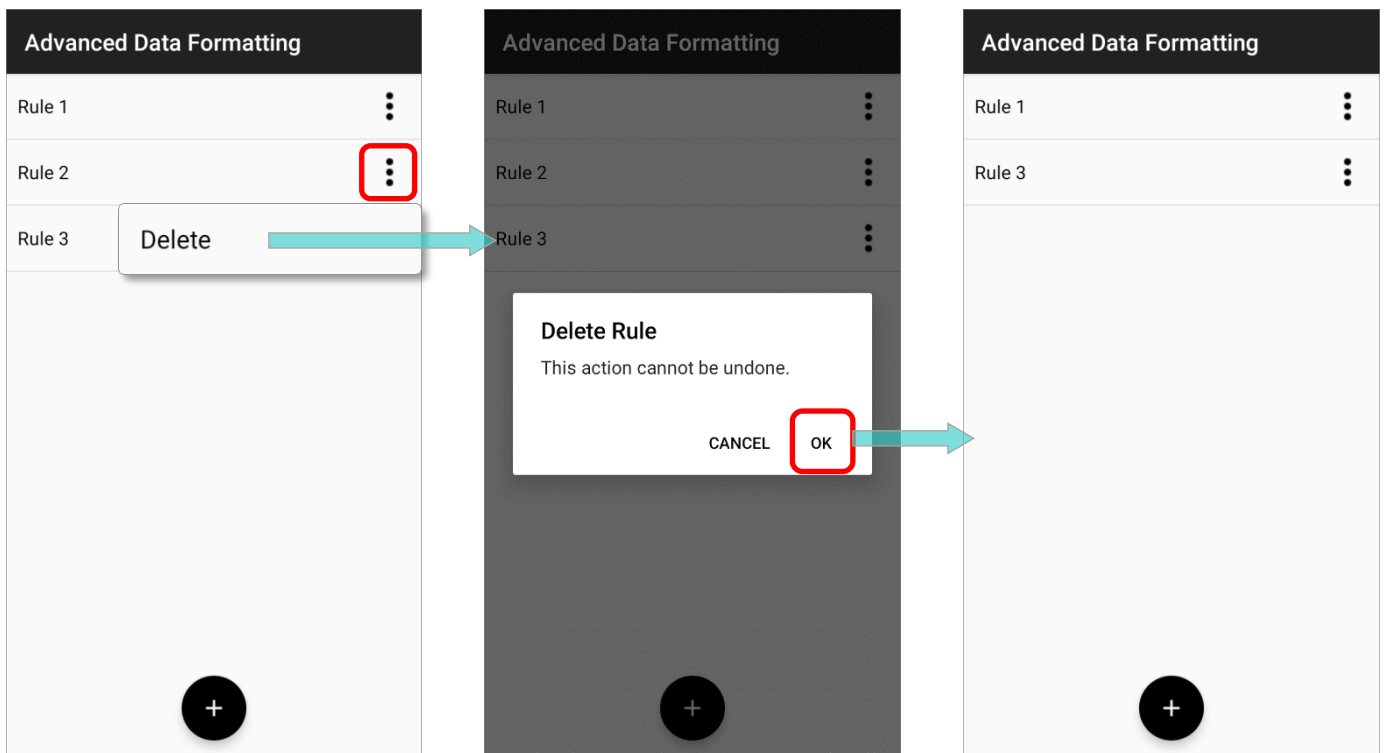
Once the rule is created, you can enter its main page for further settings in "[Criteria](#)" and "[Actions](#)" to specify your customized reformatting instructions.



3.1.2 DELETE A RULE

To delete a rule:

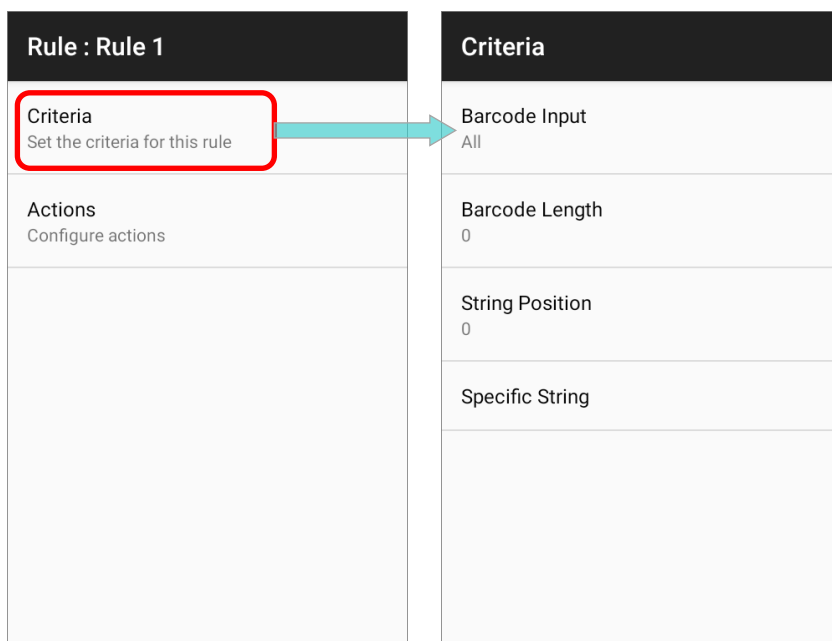
- 1) Tap on the more button  next to the rule to be removed.
- 2) Tap on "**Delete**", and confirm deleting this rule by tapping on "**OK**".



3.2 CRITERIA

“**Criteria**” is to set the limits and requirements to filter the decoded data.

When the barcode is read and the input data fulfils the “**criteria**”, it will be dealt with by the associated “**actions**” which defines the output data format.



The available criteria to be set are:

Item	Description
Barcode Input	To designate the barcode symbology. By selecting “ All ”, all the barcode symbologies will be reformatted by “ actions ”.
String Length	To set the barcode length to limit the decoded data to be reformatted.
String Position	This function works with “ Specific String ” to designate the particular position this specific string should be in. By selecting “ 0 ”, the specific string can be in any position.
Specific String	To designate the string the decoded data must include.

The decoded data should meet all the criteria you set and then the data will be reformatted by “**actions**” before outputting.

3.2.1 EXAMPLE

The followings are the examples of barcodes to be filtered by criteria:

Barcode	Details	
Barcode 1	Symbology:	EAN13
	Barcode data:	0001112223334
	Length:	13
Barcode 2	Symbology:	EAN13
	Barcode data:	4445556667778
	Length:	13
Barcode 3	Symbology:	EAN13
	Barcode data:	888999000
	Length:	9A
Barcode 4	Symbology:	Code39
	Barcode data:	555522221111
	Length:	13

If the criteria are set as:

“BARCODE INPUT” IS “ALL”

If “Barcode Input” is set as “All”:

Barcode 1 (EAN13), Barcode 2 (EAN13), Barcode 3 (EAN13), and Barcode 4 (Code39) all match the criteria.

“BARCODE INPUT” IS “EAN13”

If **“Barcode Input”** is set as **“EAN13”**:

Barcode 1 (EAN13), Barcode 2 (EAN13), and Barcode 3 (EAN13) meet the criteria.

“BARCODE INPUT” IS “EAN13”, AND “STRING LENGTH” IS “9”

If **“Barcode Input”** is **“EAN13”**, and **“String Length”** is **“9”**:

Only Barcode 3 (EAN13; length= 9) matches the criteria.

“BARCODE INPUT” IS “EAN13”, AND “STRING LENGTH” IS “10”

If **“Barcode Input”** is **“EAN13”**, and **“String Length”** is **“10”**:

None of the barcodes fulfils the criteria.

“BARCODE INPUT” IS “ALL”, AND “STRING LENGTH” IS “13”

If **“Barcode Input”** is **“All”**, and **“String Length”** is **“13”** :

Barcode 1 (EAN13; length= 13), Barcode 2 (EAN13; length= 13), and Barcode 4 (Code39; length= 13) meet the criteria.

“BARCODE INPUT” IS “ALL”, AND “SPECIFIC STRING” IS “000”

If **“Barcode Input”** is **“All”**, and **“Specific String”** is **“000”**:

Barcode 1 (EAN13; 0001112223334) and Barcode 3 (EAN13; 888999000) meet the criteria.

“BARCODE INPUT” IS “ALL”, AND “SPECIFIC STRING” IS “111”

If **“Barcode Input”** is **“All”**, and **“Specific String”** is **“111”**:

Barcode 1 (EAN13; 0001112223334) and Barcode 4 (Code39; 555522221111) match the criteria.

“BARCODE INPUT” IS “ALL”, “SPECIFIC STRING” IS “111”, AND “SPECIFIC POSITION” IS “4”

If **“Barcode Input”** is **“All”**, **“Specific String”** is **“111”**, and **“Specific Position”** is **“4”**:

Only Barcode 1 (EAN13; 0001112223334) matches the criteria.

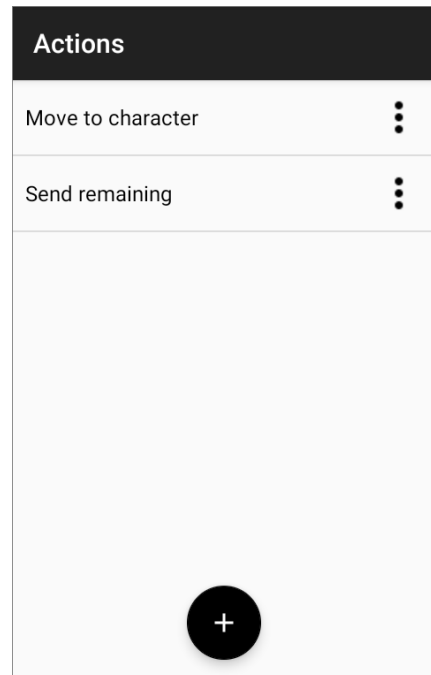
“BARCODE INPUT” IS “ALL”, “SPECIFIC STRING” IS “111”, AND “SPECIFIC POSITION” IS “1”

If **“Barcode Input”** is **“All”**, **“Specific String”** is **“111”**, and **“Specific Position”** is **“1”**:

None of the barcodes fulfils the criteria.

3.3 ACTIONS

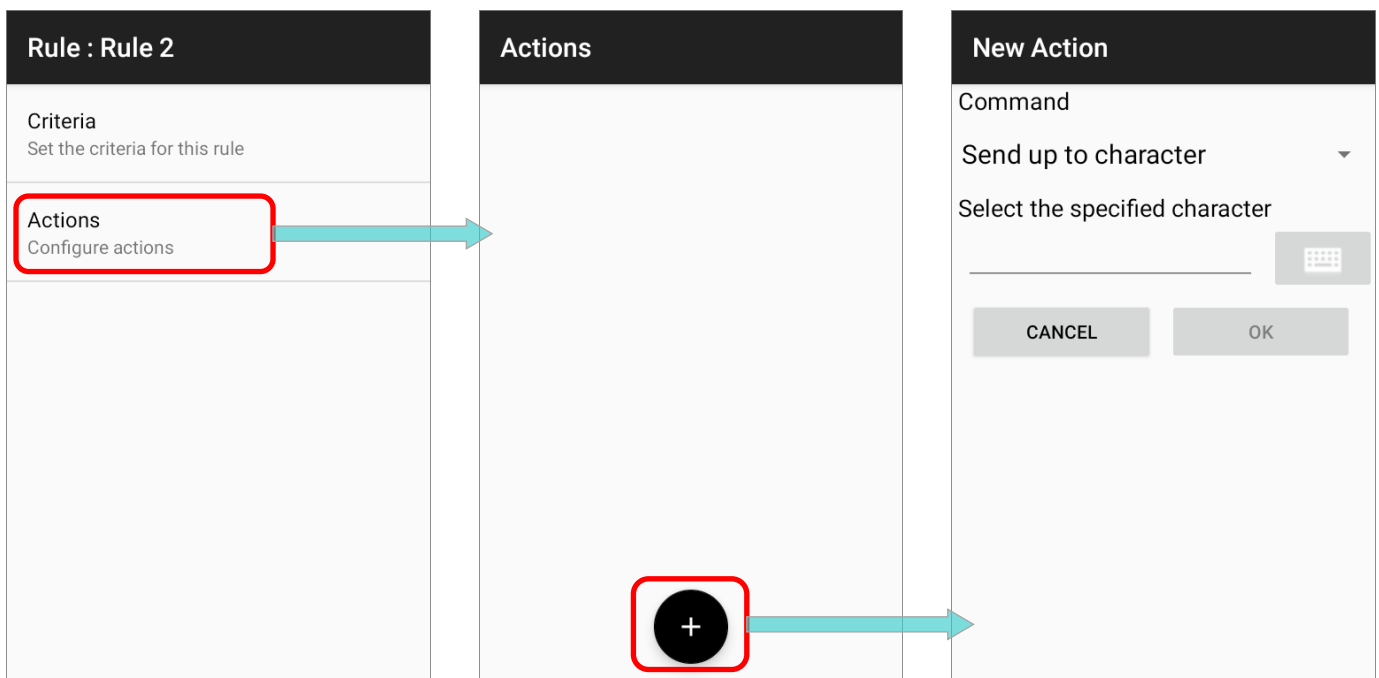
A rule contains multiple “**actions**” which process the decoded barcode data conforms to the “**criteria**” and reformat the data to be transmitted.



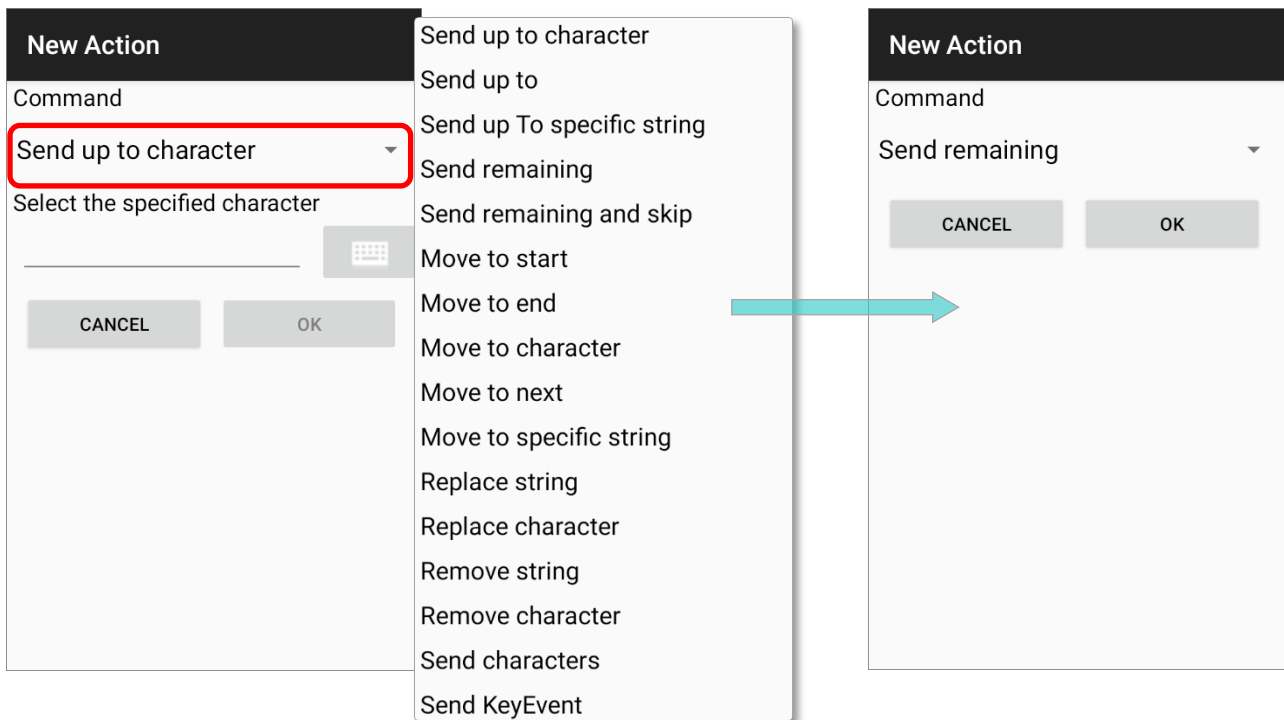
3.3.1 CREATE A NEW ACTION

Please follow the steps to create a new action and define the reformatting instructions:

- 1) Tap on the “**Add**” button  and “**New Action**” page shows up:



- 2) Select the command from the drop-down menu, enter the necessary item(s) depending on the command you choose, and tap on **"OK"** to save the action.



The available commands are divided into 6 groups:

SEND BARCODE DATA

"Send Barcode Data" actions affect the output character field and the output length (count of characters). All the other kinds of actions must collaborate with the **"Send Barcode Data"** actions to reformat the barcode data to be sent out.

Command	Description								
Send up to character	<p>To set a specific character as a period, and only the part anterior to this specific character will be output.</p> <table border="1"> <thead> <tr> <th colspan="2">Example</th></tr> </thead> <tbody> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Send data up to "3".</td></tr> <tr> <td>The output data:</td><td>000111222</td></tr> </tbody> </table>	Example		The decoded data:	0001112223334	Actions:	Send data up to "3" .	The output data:	000111222
Example									
The decoded data:	0001112223334								
Actions:	Send data up to "3" .								
The output data:	000111222								

Command	Description								
Send up to	<p>To set how many characters to be output.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Send up to “3” characters.</td></tr> <tr> <td>The output data:</td><td>000</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Send up to “3” characters.	The output data:	000
Example									
The decoded data:	0001112223334								
Actions:	Send up to “3” characters.								
The output data:	000								
Send up To specific string	<p>To send the part up till the specific string (this specific string is excluded).</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Send up to the string “333”.</td></tr> <tr> <td>The output data:</td><td>000111222</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Send up to the string “333”.	The output data:	000111222
Example									
The decoded data:	0001112223334								
Actions:	Send up to the string “333”.								
The output data:	000111222								
Send remaining	<p>This command works with those commands of “Move Cursor” to send the data posterior to the cursor.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Move cursor to next 1. Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>001112223334</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Move cursor to next 1. Send all the data that remains.	The output data:	001112223334
Example									
The decoded data:	0001112223334								
Actions:	Move cursor to next 1. Send all the data that remains.								
The output data:	001112223334								
Send remaining and skip	<p>To send all the data (posterior to the cursor) aside from the last character(s) you set.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Send all the data that remains and skip the last 1.</td></tr> <tr> <td>The output data:</td><td>000111222333</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Send all the data that remains and skip the last 1.	The output data:	000111222333
Example									
The decoded data:	0001112223334								
Actions:	Send all the data that remains and skip the last 1.								
The output data:	000111222333								

MOVE CURSOR

The actions of “**Move Cursor**” must work with those “**Send Barcode Data**” actions to define the start position to output the decoded data.

Command	Description								
Move to start	<p>To move the cursor to the very beginning.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Move cursor to the start. Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>0001112223334</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Move cursor to the start. Send all the data that remains.	The output data:	0001112223334
Example									
The decoded data:	0001112223334								
Actions:	Move cursor to the start. Send all the data that remains.								
The output data:	0001112223334								
Move to end	<p>To move the cursor to the end.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Move cursor to the end. Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>None.</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Move cursor to the end. Send all the data that remains.	The output data:	None.
Example									
The decoded data:	0001112223334								
Actions:	Move cursor to the end. Send all the data that remains.								
The output data:	None.								
Move to character	<p>To move the cursor in front of the specific character you set.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Move cursor to the character “2”. Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>2223334</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Move cursor to the character “ 2 ”. Send all the data that remains.	The output data:	2223334
Example									
The decoded data:	0001112223334								
Actions:	Move cursor to the character “ 2 ”. Send all the data that remains.								
The output data:	2223334								
Move to next	<p>To move the cursor to the specific position from the beginning.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Move cursor to the next “5”. Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>12223334</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Move cursor to the next “ 5 ”. Send all the data that remains.	The output data:	12223334
Example									
The decoded data:	0001112223334								
Actions:	Move cursor to the next “ 5 ”. Send all the data that remains.								
The output data:	12223334								

Command	Description								
Move to specific string	<p>To move the cursor in front of the specific string you set.</p> <table><tr><th colspan="2">Example</th></tr><tr><td>The decoded data:</td><td>0001112223334</td></tr><tr><td>Actions:</td><td>Move cursor to the string “333”. Send all the data that remains.</td></tr><tr><td>The output data:</td><td>3334</td></tr></table>	Example		The decoded data:	0001112223334	Actions:	Move cursor to the string “333” . Send all the data that remains.	The output data:	3334
Example									
The decoded data:	0001112223334								
Actions:	Move cursor to the string “333” . Send all the data that remains.								
The output data:	3334								

REPLACE DATA

Command	Description								
Replace String	<p>To replace the speicfc string with the one you designate.</p> <table><tr><th colspan="2">Example</th></tr><tr><td>The decoded data:</td><td>0001112223334</td></tr><tr><td>Actions:</td><td>Replace the string “333” with “CCC”. Send all the data that remains.</td></tr><tr><td>The output data:</td><td>000111222CCC4</td></tr></table>	Example		The decoded data:	0001112223334	Actions:	Replace the string “333” with “CCC” . Send all the data that remains.	The output data:	000111222CCC4
Example									
The decoded data:	0001112223334								
Actions:	Replace the string “333” with “CCC” . Send all the data that remains.								
The output data:	000111222CCC4								
Replace character	<p>To replace the speicfc character with the one you designate.</p> <table><tr><th colspan="2">Example</th></tr><tr><td>The decoded data:</td><td>0001112223334</td></tr><tr><td>Actions:</td><td>Replace the character “0” with “C”. Send all the data that remains.</td></tr><tr><td>The output data:</td><td>CCC1112223334</td></tr></table>	Example		The decoded data:	0001112223334	Actions:	Replace the character “0” with “C” . Send all the data that remains.	The output data:	CCC1112223334
Example									
The decoded data:	0001112223334								
Actions:	Replace the character “0” with “C” . Send all the data that remains.								
The output data:	CCC1112223334								

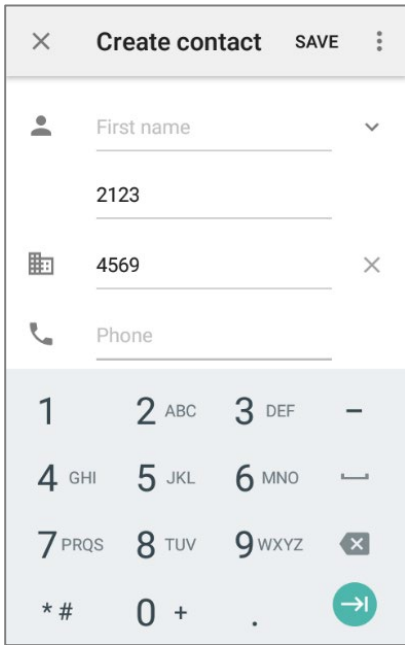
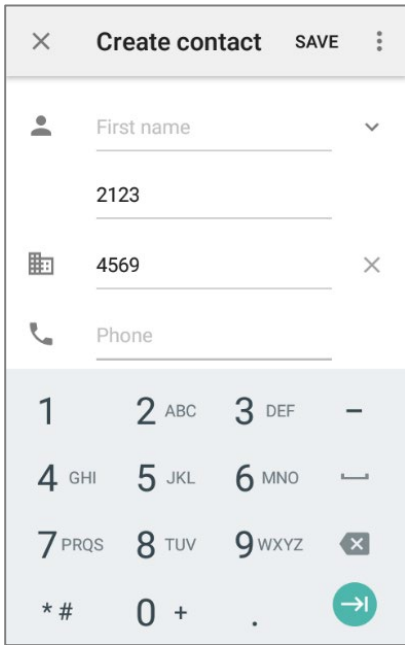
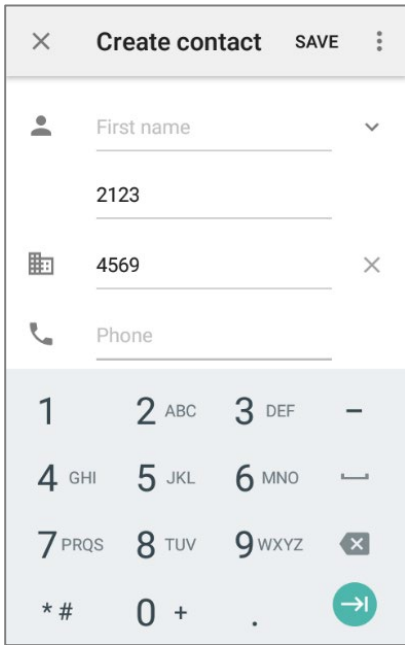
REMOVE DATA

Command	Description								
Remove string	<p>To delete the specific string.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Remove the string "222". Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>0001113334</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Remove the string "222" . Send all the data that remains.	The output data:	0001113334
Example									
The decoded data:	0001112223334								
Actions:	Remove the string "222" . Send all the data that remains.								
The output data:	0001113334								
Remove character	<p>To delete the specific character.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Remove the character "3". Send all the data that remains.</td></tr> <tr> <td>The output data:</td><td>0001112224</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Remove the character "3" . Send all the data that remains.	The output data:	0001112224
Example									
The decoded data:	0001112223334								
Actions:	Remove the character "3" . Send all the data that remains.								
The output data:	0001112224								

SEND CHARACTER

Command	Description								
Send character	<p>To add a specific character in front of the output data.</p> <table> <tr> <th colspan="2">Example</th></tr> <tr> <td>The decoded data:</td><td>0001112223334</td></tr> <tr> <td>Actions:</td><td>Send the character "C". Send up to "5" characters</td></tr> <tr> <td>The output data:</td><td>C00011</td></tr> </table>	Example		The decoded data:	0001112223334	Actions:	Send the character "C" . Send up to "5" characters	The output data:	C00011
Example									
The decoded data:	0001112223334								
Actions:	Send the character "C" . Send up to "5" characters								
The output data:	C00011								

SEND KEYEVENT


Command	Description								
Send key event	<p>To make a “Send key event” action to be effective, “Keyboard Emulation” should be set as “KeyEvent”.</p> <p>The following example is to output the data to two fields by “KeyEvent”:</p> <table border="1"> <thead> <tr> <th colspan="2">Example</th></tr> </thead> <tbody> <tr> <td>The decoded data:</td><td>21234569</td></tr> <tr> <td>Actions:</td><td> Send data Next 4 Send KeyEvent 0x1D Send Data Next 4 </td></tr> <tr> <td>The output data:</td><td>  </td></tr> </tbody> </table>	Example		The decoded data:	21234569	Actions:	Send data Next 4 Send KeyEvent 0x1D Send Data Next 4	The output data:	
Example									
The decoded data:	21234569								
Actions:	Send data Next 4 Send KeyEvent 0x1D Send Data Next 4								
The output data:									

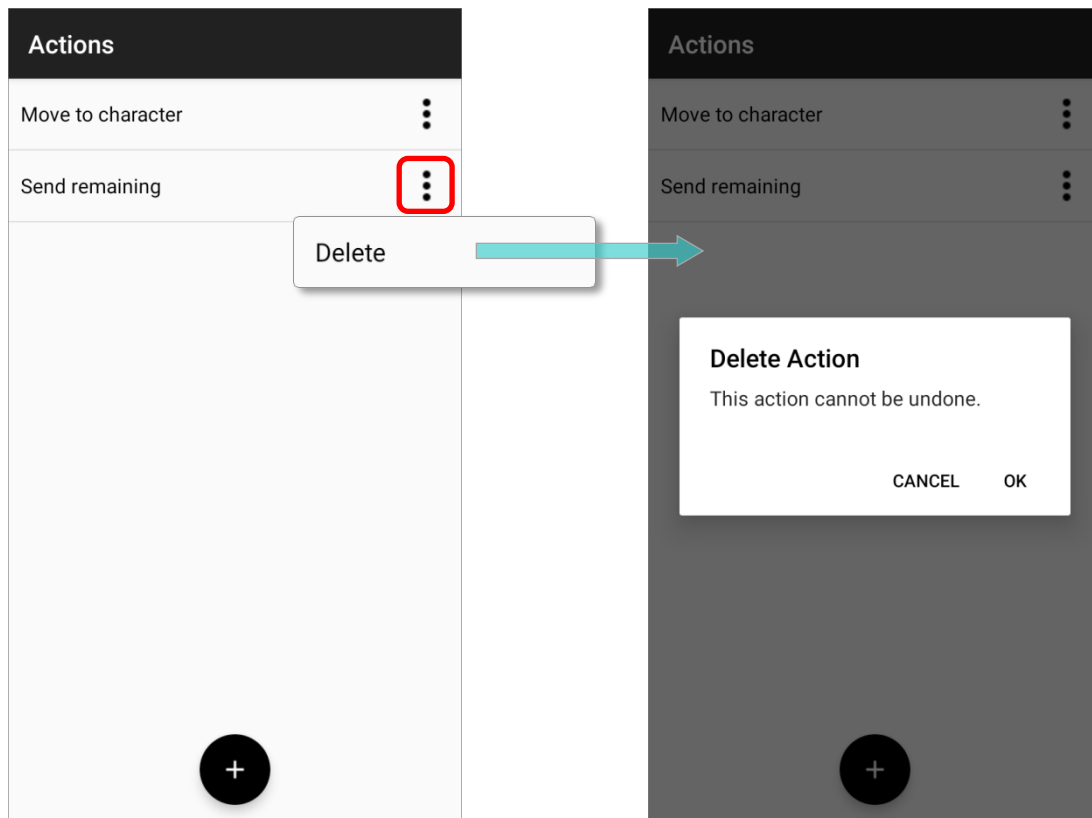
Note:

The decoded data is processed by actions sequentially. The permutation of actions affects the output data, that is, different permutations of actions may result in different output data.

3.3.2 DELETE AN ACTION

To delete an action:

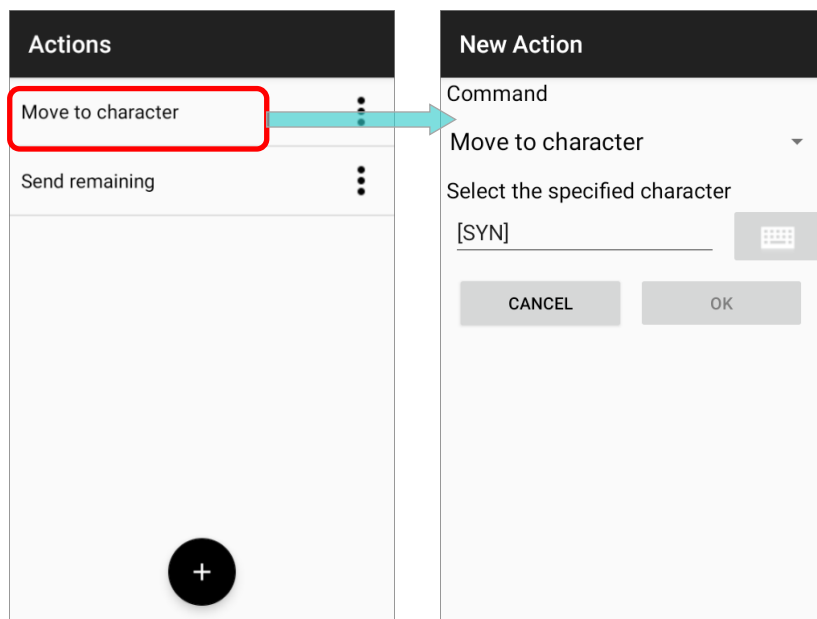
- 1) Tap on more button  on the right of the action and select "**Delete**" from the menu.
- 2) Confirm that deleting this action by tapping on "**OK**".



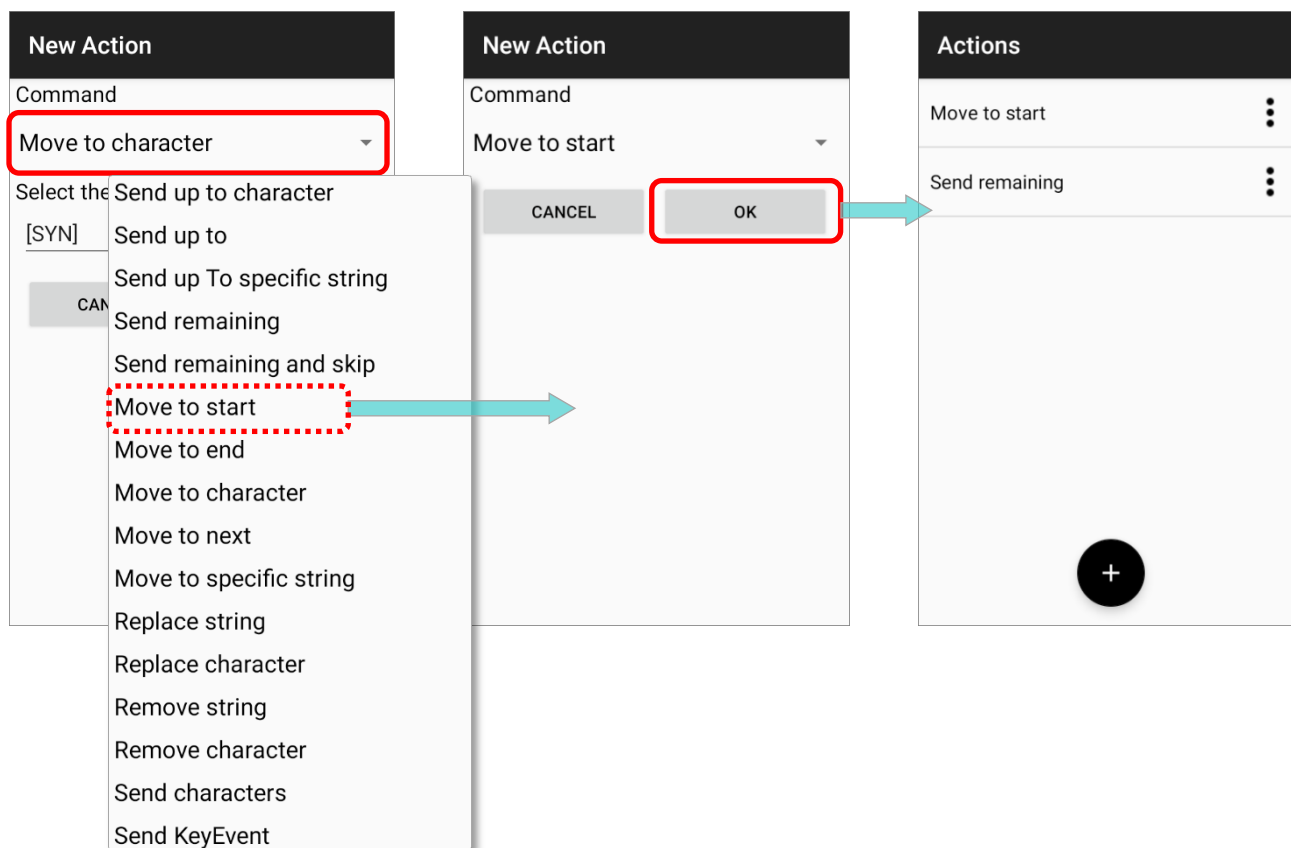
3.3.3 EDIT AN ACTION

To modify an existed action:

- 1) Tap on the action to be modified to enter "Edit Action" page.



- 2) Select the command and tap on "OK" to complete editing action.



Note: To make "Advanced Data Formatting" work, [the profile must be enabled](#).

3.4 EXAMPLE

The followings are some examples of **Advanced Data Formatting**:

EXAMPLE 1

Code Type	GS1-128	
Barcode	1193160905021011063294	
Criteria	Barcode Input = GS1-128 (EAN 128)	
Actions		
	Action	Process
	Move Cursor To Next 3	119 3 160905021011063294
	Send Data Next 5	119 31609 05021011063294
	Move Cursor To Next 7	119316090502101 1 063294
	Send Data Next 7	119316090502101 1063294
Result	316091063294	

EXAMPLE 2

Code Type	EAN8
Barcode	21234569 and 11234569
Criteria	Barcode Input = EAN8 Specific String = 2 String Position = 1
Actions	Send All Data That Remains Send Character 0 Send Character 0 Send Character 0 Send Character 0 Send Character 0
Result	2123456900000 But barcode is 11234569 without change.

Chapter 4

SYMBOLLOGY

This chapter explains how to set the symbologies to read and the details about the featured settings.

IN THIS CHAPTER

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4.3 Symbology Settings	73

4.1 SYMBOLOGY

The **Symbology** page sets the symbologies to read, and also enables/disables some feature(s) for a symbology to read, such as:

- Customize and transmit start/stop characters
- Verify/transmit check digits
- Enable/disable addon digits
- Convert to another symbology
- Transmit symbology ID

Profile : Profile 2		RESET
General Settings		
Scanner Preferences		
Data Output		
Advanced Data Formatting		
Notification Settings		
Symbology		
1D Symbologies		
2D Symbologies		
Profile		
Profile Enable Enable/disable this profile		<input type="checkbox"/>
Associated app		

To open **Symbology** settings page, simply tap **1D Symbologies** or **2D Symbologies** (in case of a 2D imager) to list all symbologies which can be decoded.

1D Symbologies

1D Symbologies	
Codabar	
Codabar	<input checked="" type="checkbox"/>
Codabar Detail	
Code 11	
Code 11	<input checked="" type="checkbox"/>
Code 11 Detail	
Code 39	
Code 39	<input checked="" type="checkbox"/>
Code 39 Detail	
Trioptic Code 39	
Trioptic Code 39	<input type="checkbox"/>
Code 93	

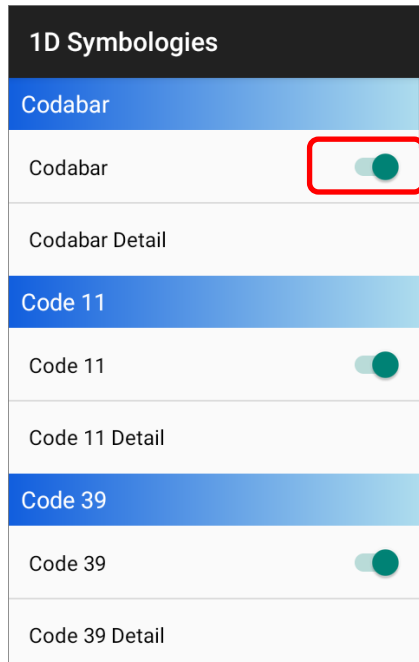
2D Symbologies

2D Symbologies	
Aztec	
Aztec	<input checked="" type="checkbox"/>
Data Matrix	
Data Matrix	<input checked="" type="checkbox"/>
Data Matrix Detail	
MaxiCode	
MaxiCode	<input checked="" type="checkbox"/>
MicroPDF417	
MicroPDF417	<input type="checkbox"/>
MicroPDF417 Detail	
MicroQR	
MicroQR	<input checked="" type="checkbox"/>

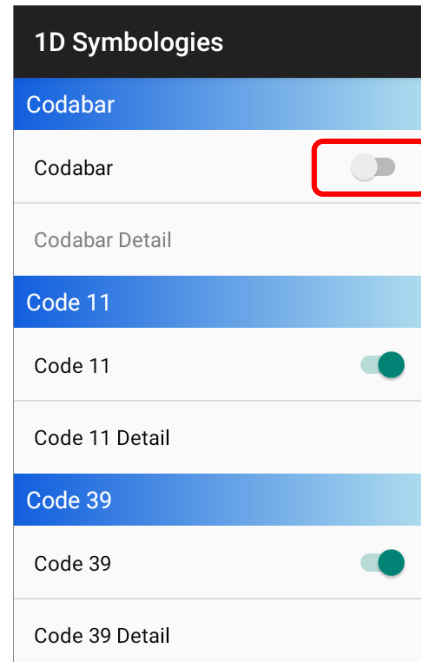
ENABLE/ DISABLE SYMBOLOGY

Tap on the label of each symbology to enable or disable it.

Enable



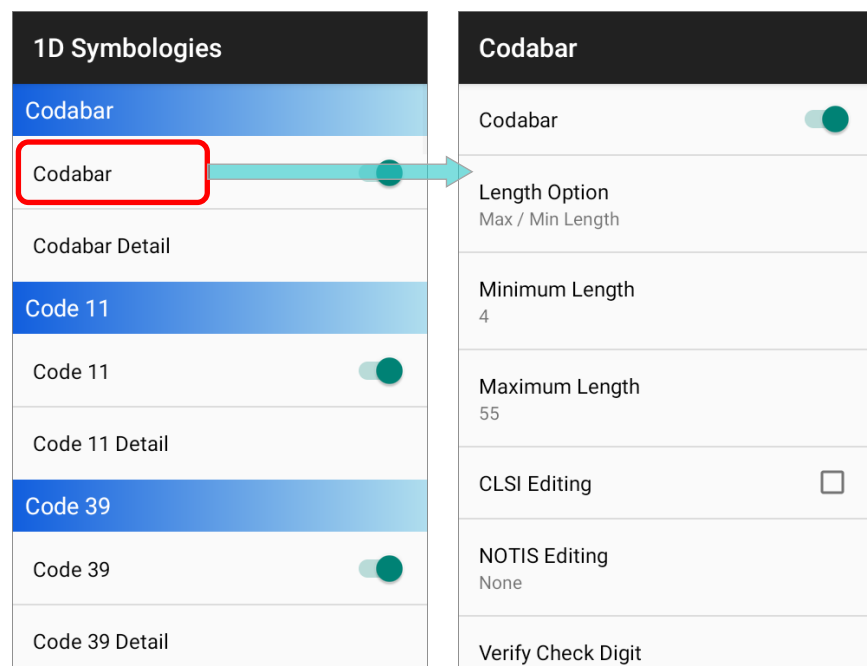
Disable




SYMBOLOGY SETTINGS

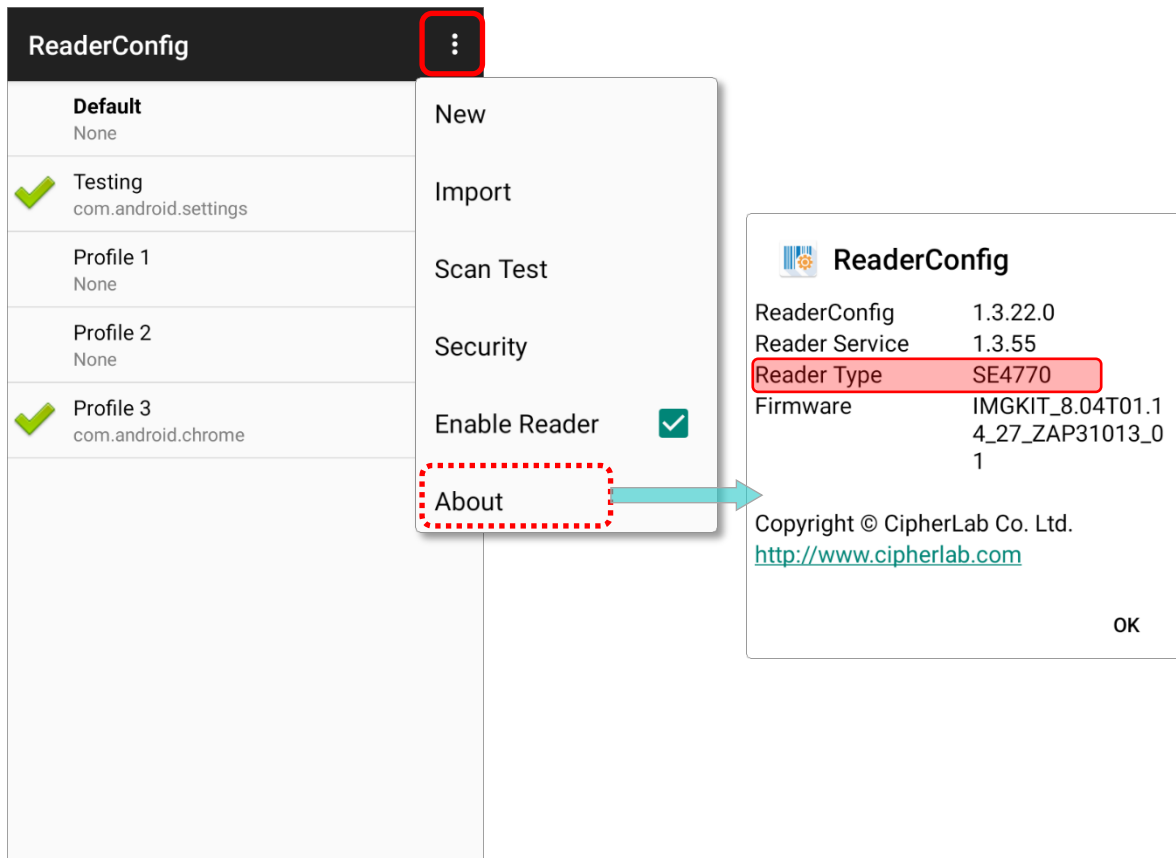
Tap the **Detail** label below each symbology to access detailed settings for the specific symbology.

For details about the featured settings, please refer to [Symbology Settings](#).



The symbology settings are associated with the reader built inside the mobile computer.

To check the reader type, please tap on the more button  on the action bar to display the ReaderConfig main menu, and then select **"About"**.



4.2 SYMBOLOGIES SUPPORTED

Depending on the scan engine integrated on the mobile computer, supported symbologies will differ as listed below.

Codabar		✓
Code 11		✓
Code 39	Code 39	✓
	Trioptic Code 39	✓
	Italian Pharmacode (Code 32)	✓
Code 93		✓
Code 128	Code 128	✓
	GS1-128 (EAN-128)	✓
	ISBT 128	✓
Code 2 of 5	Chinese 25	✓
	Industrial 25 (Discrete 25)	✓
	Interleaved 25	✓
	Convert Interleaved 25 to EAN-13	✓
	Matrix 25	✓
Composite Code	Composite CC-A/B	✓
	Composite CC-C	✓
	Composite TLC 39	✓
GS1 DataBar (RSS)	GS1 DataBar-14 (RSS-14)	✓
	GS1 DataBar Limited (RSS Limited)	✓
	GS1 DataBar Expanded (RSS Expanded)	✓
	Convert to UPC/EAN	✓

Korean 3 of 5		✓
MSI		✓
Postal Codes	Australian Postal	✓
	Japan Postal	✓
	Netherlands KIX Code	✓
	US Postnet	✓
	US Planet	✓
	USPS Postal	✓
	UPU FICS Postal	✓
	UK Postal	✓
EAN/UPC	EAN-8	✓
	EAN-8 Extend	✓
	EAN-13	✓
	Bookland EAN (ISBN)	✓
	ISSN EAN	✓
	UPC-A	✓
	UPC-E	✓
	Convert to UPC-A	✓
	UPC-E1	✓
	Convert to UPC-A	✓

4.3 SYMBOLOGY SETTINGS

The tables below list the symbology settings:

4.3.1 SE4850




1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	Set the length of the Codabar symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode. <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	Set whether to include start/stop characters in the transmitted data. <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	Options are None , ABCD/ABCD , abcd/abcd . <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Verify Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. ▶ “Convert to Code 32” must be enabled.	Disable
Code 32 Prefix	Prefix character “A” to Code 32 barcodes. ▶ “Convert to Code 32” must be enabled for this to function properly.	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. ▶ “Verify Check Digit” must be enabled.	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	Level 0
TRIOPTIC CODE 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
CODE 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	Set the length of the Code 93 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	Set the length of the Code 128 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	None
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminates
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10
Chinese 25		
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Discrete 25		
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable

Symbology/ Setting	Description	Default
Length option	<p>Set the length of the Discrete 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	<p>Set the length of Interleaved 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	<p>Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met:</p> <p>The barcode must have a leading 0 and a valid EAN-13 check digit.</p>	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1

Symbology/ Setting	Description	Default
Matrix 25		
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Composite		
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable

Symbology/ Setting	Description	Default
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be "linked" with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. <p>Note: CC-A/B or CC-C must be enabled.</p> ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present.	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strips the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	Level 3
GS1 DataBar Expanded		
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	Set the length of the MSI symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable

Symbology/ Setting	Description	Default
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Convert to EAN-13	Decide whether to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Switch to enable Bookland EAN decoding.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon

Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
ISSN EAN	Switch to enable ISSN EAN decoding.	Disable
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character




Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only 	Transmit System Character
Conver to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable
Coupon Report	<p>Tap to select:</p> <ul style="list-style-type: none"> ▶ Old Coupon Symbols: Reporting UPC and Code 128 for an old coupon symbol, UPC for the interim coupon symbol, and nothing for a new coupon symbol. ▶ New Coupon Symbols: Reporting either UPC or Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. ▶ Both Coupon Formats: Reporting UPC and Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. 	Both Coupon Formats

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
MRZ		
MRZ		Disable
MRZ	Switch to enable MRZ decoding.	Disable
MRZ Mode	Tap to select: <ul style="list-style-type: none"> ▶ OCR-B Travel Documents Version 1 (3-Line ID Cards) ▶ OCR-B Travel Documents Version 2 (2-Line ID Cards) ▶ OCR-B Travel Documents 2 or 3-Line ID Cards Auto-Detect ▶ OCR-B Passport ▶ OCR-B Visa Type A ▶ OCR-B Visa Type B ▶ OCR-B ICAO Travel Documents 	OCR-B ICAO Travel Documents

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1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	<p>Set the length of the Codabar symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	<p>When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode.</p> <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	<p>Set whether to include start/stop characters in the transmitted data.</p> <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	<p>Options are None, ABCD/ABCD, abcd/abcd.</p> <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Disable
Code 11	Switch to enable Code 11 decoding.	Disable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Security Level	Select the security level from Level 0 to Level 3	Level 0

Symbology/ Setting	Description	Default
Reduced Quiet Zone	<p>Quiet Zone, also known as “light margin”, indicates the blank area to the left and right of the barcode. It’s for the scanner to identify the beginning and the end of the barcode to prevent the improper scanning.</p> <p>By enabling “Reduced Quiet Zone”, less margin (the blank space) is required for the scanner to deode. Please note that it will affect the identification performance.</p>	Disable
TRIOPTIC CODE 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
CODE 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	<p>Set the length of the Code 93 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable

Symbology/ Setting	Description	Default
Length option	<p>Set the length of the Code 128 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)
Security Level	Select the security level from Level 0 to Level 3	None
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminates
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10
Chinese 25		
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Length option	<p>Set the length of the Chinese 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 8-55; Length 1 < Length 2) 	One Fixed Length (Length 1: 11 Length 2: 11)

Symbology/ Setting	Description	Default
Discrete 25		
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable

Symbology/ Setting	Description	Default
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: The barcode must have a leading 0 and a valid EAN-13 check digit.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Matrix 25		
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Composite		
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable

Symbology/ Setting	Description	Default
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be "linked" with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable

Symbology/ Setting	Description	Default
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 3
GS1 DataBar Expanded		
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable

Symbology/ Setting	Description	Default
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10

Symbology/ Setting	Description	Default
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon

Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none">▶ Ignore Addon▶ Auto-discriminate	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Convert to EAN-13	Decide whether to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Switch to enable Bookland EAN decoding.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none">▶ Ignore Addon▶ Auto-discriminate	Ignore Addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none">▶ Ignore Addon▶ Auto-discriminate	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
ISSN EAN	Switch to enable ISSN EAN decoding.	Disable

Symbology/ Setting	Description	Default
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable




Symbology/ Setting	Description	Default
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only 	Transmit System Character
Conver to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable
Coupon Report	Tap to select: <ul style="list-style-type: none"> ▶ Old Coupon Symbols: Reporting UPC and Code 128 for an old coupon symbol, UPC for the interim coupon symbol, and nothing for a new coupon symbol. ▶ New Coupon Symbols: Reporting either UPC or Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. ▶ Both Coupon Formats: Reporting UPC and Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. 	Old Coupon Symbols

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
MRZ		
MRZ		Disable
MRZ	Switch to enable MRZ decoding.	Disable
MRZ Mode	Tap to select: <ul style="list-style-type: none"> ▶ OCR-B Travel Documents Version 1 (3-Line ID Cards) ▶ OCR-B Travel Documents Version 2 (2-Line ID Cards) ▶ OCR-B Travel Documents 2 or 3-Line ID Cards Auto-Detect ▶ OCR-B Passport ▶ OCR-B Visa Type A ▶ OCR-B Visa Type B ▶ OCR-B ICAO Travel Documents 	OCR-B ICAO Travel Documents

Symbology/ Setting	Description	Default
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	Select to decode regular barcodes, inverse barcodes, or set as auto.	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

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1D SYMBOLOGIES



Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	Set the length of the Codabar symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode. <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	Set whether to include start/stop characters in the transmitted data. <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	Options are None , ABCD/ABCD , abcd/abcd . <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ “Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	Level 0
Reduced Quiet Zone	<p>Quiet Zone, also known as “light margin”, indicates the blank area to the left and right of the barcode. It’s for the scanner to identify the beginning and the end of the barcode to prevent the improper scanning.</p> <p>By enabling “Reduced Quiet Zone”, less margin (the blank space) is required for the scanner to deode. Pleae note that it will affect the identification performance.</p>	Disable
Trioptic Code 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
Code 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	<p>Set the length of the Code 39 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	<p>Set the length of the Code 128 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)
Security Level	Select the security level from Level 0 to Level 3	None
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None

Symbology/ Setting	Description	Default
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminate
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10

Symbology/ Setting	Description	Default
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Length option	Set the length of the Chinese 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 8-55; Length 1 < Length 2) 	Two Fixed Length (Length 1: 11 Length 2: 11)
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: <ul style="list-style-type: none"> ▶ The barcode must have a leading 0 and a valid EAN-13 check digit. 	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable

Symbology/ Setting	Description	Default
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be “linked” with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable

Symbology/ Setting	Description	Default
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 3
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable

Symbology/ Setting	Description	Default
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10

Symbology/ Setting	Description	Default
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the check digit in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Checkbox to enable ISBN decoding. If enabled, select Bookland ISBN Format below.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the EAN-13 check digit (the last character in the barcode) in the data being transmitted.	Enable
ISSN EAN	Checkbox to enable ISSN EAN decoding.	Disable

Symbology/ Setting	Description	Default
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable




Symbology/ Setting	Description	Default
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable
Coupon Report	<p>Tap to select:</p> <ul style="list-style-type: none"> ▶ Old Coupon Symbols: Reporting UPC and Code 128 for an old coupon symbol, UPC for the interim coupon symbol, and nothing for a new coupon symbol. ▶ New Coupon Symbols: Reporting either UPC or Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. ▶ Both Coupon Formats: Reporting UPC and Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. 	Both Coupon Formats

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
MRZ		
MRZ		Disable
MRZ	Switch to enable MRZ decoding.	Disable
MRZ Mode	Tap to select: <ul style="list-style-type: none"> ▶ OCR-B Travel Documents Version 1 (3-Line ID Cards) ▶ OCR-B Travel Documents Version 2 (2-Line ID Cards) ▶ OCR-B Travel Documents 2 or 3-Line ID Cards Auto-Detect ▶ OCR-B Passport ▶ OCR-B Visa Type A ▶ OCR-B Visa Type B ▶ OCR-B ICAO Travel Documents 	OCR-B ICAO Travel Documents

Symbology/ Setting	Description	Default
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	Select to decode regular barcodes, inverse barcodes, or set as auto.	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

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1D SYMBOLOGIES



Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	Set the length of the Codabar symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode. <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	Set whether to include start/stop characters in the transmitted data. <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	Options are None , ABCD/ABCD , abcd/abcd . <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ “Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	Level 1
Reduced Quiet Zone	<p>Quiet Zone, also known as “light margin”, indicates the blank area to the left and right of the barcode. It’s for the scanner to identify the beginning and the end of the barcode to prevent the improper scanning.</p> <p>By enabling “Reduced Quiet Zone”, less margin (the blank space) is required for the scanner to deode. Please note that it will affect the identification performance.</p>	Disable
Trioptic Code 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
Code 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	<p>Set the length of the Code 39 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	<p>Set the length of the Code 128 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Security Level	Select the security level from Level 0 to Level 3	None
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None

Symbology/ Setting	Description	Default
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminate
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10

Symbology/ Setting	Description	Default
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Length option	Set the length of the Chinese 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 8-55; Length 1 < Length 2) 	One Fixed Length (Length 1: 11 Length 2: 11)
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: <ul style="list-style-type: none"> ▶ The barcode must have a leading 0 and a valid EAN-13 check digit. 	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable

Symbology/ Setting	Description	Default
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be “linked” with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable

Symbology/ Setting	Description	Default
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable

Symbology/ Setting	Description	Default
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable

Symbology/ Setting	Description	Default
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the check digit in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable

Symbology/ Setting	Description	Default
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Checkbox to enable ISBN decoding. If enabled, select Bookland ISBN Format below.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the EAN-13 check digit (the last character in the barcode) in the data being transmitted.	Enable
ISSN EAN	Checkbox to enable ISSN EAN decoding.	Disable
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon






Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Preamble	<p>Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted.</p> <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	<p>Decide whether to decode UPC-E1 with addon 2.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	<p>Decide whether to decode UPC-E1 with addon 5.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Preamble	<p>Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted.</p> <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator  Right Separator </p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: <u>Transmit AIM code ID</u> character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
MRZ		
MRZ		Disable
MRZ	Switch to enable MRZ decoding.	Disable
MRZ Mode	Tap to select: <ul style="list-style-type: none"> ▶ OCR-B Travel Documents Version 1 (3-Line ID Cards) ▶ OCR-B Travel Documents Version 2 (2-Line ID Cards) ▶ OCR-B Travel Documents 2 or 3-Line ID Cards Auto-Detect ▶ OCR-B Passport ▶ OCR-B Visa Type A ▶ OCR-B Visa Type B ▶ OCR-B ICAO Travel Documents 	OCR-B ICAO Travel Documents

Symbology/ Setting	Description	Default
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	Select to decode regular barcodes, inverse barcodes, or set as auto.	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

4.3.5 SE4750 DPM




1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	Set the length of the Codabar symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode. <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	Set whether to include start/stop characters in the transmitted data. <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	Options are None , ABCD/ABCD , abcd/abcd . <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ “Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Security Level	Select the security level from Level 0 to Level 3	Level 0

Symbology/ Setting	Description	Default
Trioptic Code 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
Code 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	Set the length of the Code 128 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)
Security Level	Select the security level from Level 0 to Level 3	None

Symbology/ Setting	Description	Default
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminate

Symbology/ Setting	Description	Default
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: <ul style="list-style-type: none"> ▶ The barcode must have a leading 0 and a valid EAN-13 check digit. 	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Matrix 25		
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable

Symbology/ Setting	Description	Default
Composite		
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be “linked” with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable

Symbology/ Setting	Description	Default
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 4	Level 3
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable

Symbology/ Setting	Description	Default
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10

Symbology/ Setting	Description	Default
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the check digit in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Checkbox to enable ISBN decoding. If enabled, select Bookland ISBN Format below.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the EAN-13 check digit (the last character in the barcode) in the data being transmitted.	Enable
ISSN EAN	Checkbox to enable ISSN EAN decoding.	Disable

Symbology/ Setting	Description	Default
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable





Symbology/ Setting	Description	Default
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable
Coupon Report	<p>Tap to select:</p> <ul style="list-style-type: none"> ▶ Old Coupon Symbols: Reporting UPC and Code 128 for an old coupon symbol, UPC for the interim coupon symbol, and nothing for a new coupon symbol. ▶ New Coupon Symbols: Reporting either UPC or Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. ▶ Both Coupon Formats: Reporting UPC and Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. 	Both Coupon Formats

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator  Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	Switch to enable decode mirror images. <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	Select to decode regular barcodes, inverse barcodes, or set as auto.	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

4.3.6 SE4500




1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	<p>Set the length of the Codabar symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	<p>When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode.</p> <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	<p>Set whether to include start/stop characters in the transmitted data.</p> <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	<p>Options are None, ABCD/ABCD, abcd/abcd.</p> <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ “Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	Level 0
Reduced Quiet Zone	<p>Quiet Zone, also known as “light margin”, indicates the blank area to the left and right of the barcode. It’s for the scanner to identify the beginning and the end of the barcode to prevent the improper scanning.</p> <p>By enabling “Reduced Quiet Zone”, less margin (the blank space) is required for the scanner to deode. Pleae note that it will affect the identification performance.</p>	Disable
Trioptic Code 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
Code 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	<p>Set the length of the Code 39 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1> Length 2) ▶ Max / Min Length (Range: 0-55; Length 1< Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	<p>Set the length of the Code 128 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)
Security Level	Select the security level from Level 0 to Level 3	None
GS1-128		
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminate
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Length option	<p>Set the length of the Chinese 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 8-55; Length 1 < Length 2) 	One Fixed Length (Length 1: 11 Length 2: 11)

Symbology/ Setting	Description	Default
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable

Symbology/ Setting	Description	Default
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: <ul style="list-style-type: none"> ▶ The barcode must have a leading 0 and a valid EAN-13 check digit. 	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable

Symbology/ Setting	Description	Default
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be “linked” with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading ‘010’ of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1

Symbology/ Setting	Description	Default
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 3
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable

Symbology/ Setting	Description	Default
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable

Symbology/ Setting	Description	Default
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the check digit in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable

Symbology/ Setting	Description	Default
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Checkbox to enable ISBN decoding. If enabled, select Bookland ISBN Format below.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the EAN-13 check digit (the last character in the barcode) in the data being transmitted.	Enable
ISSN EAN	Checkbox to enable ISSN EAN decoding.	Disable
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon




Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Preamble	<p>Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted.</p> <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	<p>Decide whether to decode UPC-E1 with addon 2.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	<p>Decide whether to decode UPC-E1 with addon 5.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Preamble	<p>Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted.</p> <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
MRZ		
MRZ		Disable
MRZ	Switch to enable MRZ decoding.	Disable
MRZ Mode	Tap to select: <ul style="list-style-type: none"> ▶ OCR-B Travel Documents Version 1 (3-Line ID Cards) ▶ OCR-B Travel Documents Version 2 (2-Line ID Cards) ▶ OCR-B Travel Documents 2 or 3-Line ID Cards Auto-Detect ▶ OCR-B Passport ▶ OCR-B Visa Type A ▶ OCR-B Visa Type B ▶ OCR-B ICAO Travel Documents 	OCR-B ICAO Travel Documents

Symbology/ Setting	Description	Default
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	Select to decode regular barcodes, inverse barcodes, or set as auto.	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

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1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	Set the length of the Codabar symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode. <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	Set whether to include start/stop characters in the transmitted data. <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	Options are None , ABCD/ABCD , abcd/abcd . <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ “Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Select the security level from Level 0 to Level 3	Level 0
Reduced Quiet Zone	<p>Quiet Zone, also known as “light margin”, indicates the blank area to the left and right of the barcode. It’s for the scanner to identify the beginning and the end of the barcode to prevent the improper scanning.</p> <p>By enabling “Reduced Quiet Zone”, less margin (the blank space) is required for the scanner to deode. Please note that it will affect the identification performance.</p>	Disable
Trioptic Code 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
Code 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	<p>Set the length of the Code 39 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1> Length 2) ▶ Max / Min Length (Range: 0-55; Length 1< Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	<p>Set the length of the Code 128 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Auto-discriminate
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Length option	<p>Set the length of the Chinese 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 8-55; Length 1 < Length 2) 	One Fixed Length (Length 1: 11 Length 2: 11)
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable

Symbology/ Setting	Description	Default
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: The barcode must have a leading 0 and a valid EAN-13 check digit.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1

Symbology/ Setting	Description	Default
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable

Symbology/ Setting	Description	Default
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be “linked” with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading ‘010’ of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strip the leading ‘010’ of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 4	Level 3

Symbology/ Setting	Description	Default
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable

Symbology/ Setting	Description	Default
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the check digit in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Checkbox to enable ISBN decoding. If enabled, select Bookland ISBN Format below.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the EAN-13 check digit (the last character in the barcode) in the data being transmitted.	Enable
ISSN EAN	Checkbox to enable ISSN EAN decoding.	Disable
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character




Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable
Coupon Report	Tap to select: <ul style="list-style-type: none"> ▶ Old Coupon Symbols: Reporting UPC and Code 128 for an old coupon symbol, UPC for the interim coupon symbol, and nothing for a new coupon symbol. ▶ New Coupon Symbols: Reporting either UPC or Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. ▶ Both Coupon Formats: Reporting UPC and Code 128 for an old coupon symbol, and Databar Expanded for the interim coupon symbol and a new coupon symbol. 	Both Coupon Formats

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable

Symbology/ Setting	Description	Default
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable

Symbology/ Setting	Description	Default
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable

Symbology/ Setting	Description	Default
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
MRZ		
MRZ		Disable
MRZ	Switch to enable MRZ decoding.	Disable
MRZ Mode	Tap to select: <ul style="list-style-type: none"> ▶ OCR-B Travel Documents Version 1 (3-Line ID Cards) ▶ OCR-B Travel Documents Version 2 (2-Line ID Cards) ▶ OCR-B Travel Documents 2 or 3-Line ID Cards Auto-Detect ▶ OCR-B Passport ▶ OCR-B Visa Type A ▶ OCR-B Visa Type B ▶ OCR-B ICAO Travel Documents 	OCR-B ICAO Travel Documents

Symbology/ Setting	Description	Default
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	Select to decode regular barcodes, inverse barcodes, or set as auto.	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

4.3.8 SM4 + SDC




1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	Set the length of the Codabar symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode. <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	Set whether to include start/stop characters in the transmitted data. <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	Options are None , ABCD/ABCD , abcd/abcd . <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ “Verify Check Digit” must be enabled. 	Enable
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. <ul style="list-style-type: none"> ▶ Check Digit Option” must be enabled. 	Disable
Length option	Set the length of the Code 11 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1> Length 2) ▶ Max / Min Length (Range: 0-55; Length 1< Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Security Level	Select the security level from Level 0 to Level 3	Level 0

Symbology/ Setting	Description	Default
TRIOPTIC CODE 39		
Trioptic Code 39		Disable
Trioptic Code 39	Switch to enable Trioptic Code 39 decoding.	Disable
CODE 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	Set the length of the Code 93 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Length option	Set the length of the Code 128 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (0-55)
Security Level	Select the security level from Level 0 to Level 3 .	Level 1

Symbology/ Setting	Description	Default
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Disable

Symbology/ Setting	Description	Default
Redundancy	When “Auto-discriminate” is applied, decide the number of times of supplementary decoding the same barcode to count as a valid read. Configurable between 2 and 20.	10
Chinese 25		
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable
Length option	Set the length of the Chinese 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 8-55; Length 1 < Length 2) 	One Fixed Length (Length 1: 11 Length 2: 11)
Discrete 25		
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 4-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	<p>Set the length of Interleaved 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 4-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	<p>Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met:</p> <ul style="list-style-type: none"> ▶ The barcode must have a leading 0 and a valid EAN-13 check digit. 	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1

Symbology/ Setting	Description	Default
Matrix 25		
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	Set the length of the Matrix 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 4-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Redundancy	Enables or disable read redundancy for Matrix 2 of 5.	Disable
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Composite		
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Enable
Composite CC-C	Switch to enable Composite CC-C decoding.	Enable
Composite TLC-39		Disable
Composite TLC-39	Switch to enable Composite TLC-39 decoding.	Disable

Symbology/ Setting	Description	Default
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be "linked" with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. <p>Note: CC-A/B or CC-C must be enabled.</p> ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present.	UPC always Linked
GS1-128 Emulation Mode	Set GS1-128 emulation mode for UCC/EAN Composite Codes.	Disable
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
Security Level	Select the security level from Level 0 to Level 3	Level 1
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable

Symbology/ Setting	Description	Default
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None
Security Level	Select the security level from Level 0 to Level 3	Level 1
Korean 3 OF 5		
Korean 3 of 5		Disable
Korean 3 of 5	Switch to enable Korean 3 of 5 decoding.	Disable
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 4-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10
Postal		
Australian Postal		Enable
Japan Postal		Enable
Netherlands KIX Code		Enable
US Postnet		Enable
US Planet		Enable
USPS Postal		Enable
UPU FICS Postal		Enable
UK Postal		Enable
Postal General Preference		
US Postal Check Digit	Decide whether to transmit check digit for US Postnet or US Planet.	Enable
UK Postal Check Digit	Decide whether to transmit check digit for UK Postal.	Enable
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable

Symbology/ Setting	Description	Default
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Convert to EAN-13	Decide whether to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Switch to enable Bookland EAN decoding.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
ISSN EAN	Switch to enable ISSN EAN decoding.	Disable
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable




Symbology/ Setting	Description	Default
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Conver to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	Switch to enable decode mirror images. <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never

Symbology/ Setting	Description	Default
Separator Character	<p>Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>You can respectively set the Left Separator and Right Separator.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable

Symbology/ Setting	Description	Default
Code 128 Emulation	<p>Transmit data from certain Micro PDF 417 barcodes as if it was encoded in Code 128 barcodes.</p> <p>Note: Transmit AIM code ID character in “Scanner Preferences” must be enabled first. When applied, the MicroPDF417 barcodes are transmitted with one of these prefixes:</p> <ul style="list-style-type: none"> ▶ The first codeword of MicroPDF417 is 903-905: The original Code ID "]L3" will be changed to "]C1". ▶ The first codeword of MicroPDF417 is 908 or 909: The original Code ID "]L4" will be changed to "]C2". ▶ The first codeword of MicroPDF417 is 910 or 911: The original Code ID "]L5" will be changed to "]C0". 	Disable
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable

Symbology/ Setting	Description	Default
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
Dot Code		
Dot Code		Disable
Dot Code	Switch to enable Dot Code decoding.	Disable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Dot Code barcodes that are mirror images. ▶ Always: Decodes Dot Code barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Dot Code barcodes. 	Never
Inverse Type	<p>Select to decode regular barcodes, inverse barcodes, or set as auto.</p> <ul style="list-style-type: none"> ▶ Regular only ▶ Inverse only ▶ Inverse Auto-detect 	Regular only
Prioritize	As Dot Code is the most barcode to be read, it is suggested to enable "Prioritize" for better performance.	Disable

4.3.9 SM2





1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	<p>Set the length of the Codabar symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	<p>When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode.</p> <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	<p>Set whether to include start/stop characters in the transmitted data.</p> <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable
NOTIS Editing Type	<p>Options are None, ABCD/ABCD, abcd/abcd.</p> <ul style="list-style-type: none"> ▶ "NOTIS Editing" must be enabled. 	None

Symbology/ Setting	Description	Default
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	None
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. ▶ “Verify Check Digit” must be enabled.	Enable
Security Level	Setting options are Normal and High .	Normal
CODE 11		
Code 11		Disable
Code 11	Switch to enable Code 11 decoding.	Disable
Check Digit Option	Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted. ▶ Disable ▶ One Check Digit ▶ Two Check Digit	Disable
Transmit Check Digit	Select whether to include check digits in the transmitted data. ▶ Check Digit Option” must be enabled.	Disable
Length option	Set the length of the Code 11 symbols to decode. ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Setting options are Normal and High .	Normal
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Transmit Check Digit (Code 32)	Decide whether to include the check digit in the data to transmit. ▶ “Convert to Code 32” must be enabled.	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. ▶ “Verify Check Digit” must be enabled.	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	Disable
Length option	Set the length of the Code 39 symbols to decode. ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Security Level	Setting options are Normal and High .	Normal
Transmit Start/Stop Character	Select whether to include start/stop characters in the transmitted data.	Disable
Asterisk As Data Characters	Select whether to use asterisk as the data characters.	Disable
CODE 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable
Length option	Set the length of the Code 93 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
Security Level	Setting options are Normal and High .	Normal

Symbology/ Setting	Description	Default
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.	None
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator  Right Separator</p> <p>You can respectively set the Left Separator and Right Separator. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Concatenation	<p>Set whether to enable decoding ISBT 128 by performing concatenation of ISBT data.</p> <ul style="list-style-type: none"> ▶ Disable: Does not perform concatenation ▶ Enable: Performs concatenation on all ISBT-128 barcodes. ▶ Auto-discriminate: Auto-discriminates between the ISBT 128 barcodes which require concatenation and those which do not need concatenation. 	Disable

Symbology/ Setting	Description	Default
Discrete 25		
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	<p>Set the length of the Discrete 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Start Stop Selection	<p>This decides the readability of all 2 of 5 symbology Variants. For example, flight tickets actually use an Industrial 2 of 5 barcode but with Interleaved 2 of 5 start/stop pattern. In order to read this barcode, the start/stop pattern selection parameter of Industrial 2 of 5 should set to "Interleaved 25"</p> <ul style="list-style-type: none"> ▶ Discrete 25 ▶ Interleaved 25 ▶ Matrix 25 	Discrete 25
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable

Symbology/ Setting	Description	Default
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	<p>Set the length of Interleaved 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Start Stop Selection	<p>This decides the readability of all 2 of 5 symbology Variants. For example, flight tickets actually use an Industrial 2 of 5 barcode but with Interleaved 2 of 5 start/stop pattern. In order to read this barcode, the start/stop pattern selection parameter of Industrial 2 of 5 should set to "Interleaved 25"</p> <ul style="list-style-type: none"> ▶ Discrete 25 ▶ Interleaved 25 ▶ Matrix 25 	Interleaved 25

Symbology/ Setting	Description	Default
Matrix 25		
Matrix 25		Enable
Matrix 25	Switch to enable Matrix 2 of 5 decoding.	Enable
Length option	<p>Set the length of the Matrix 2 of 5 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Start Stop Selection	<p>This decides the readability of all 2 of 5 symbology Variants. For example, flight tickets actually use an Industrial 2 of 5 barcode but with Interleaved 2 of 5 start/stop pattern. In order to read this barcode, the start/stop pattern selection parameter of Industrial 2 of 5 should set to "Interleaved 25"</p> <ul style="list-style-type: none"> ▶ Discrete 25 ▶ Interleaved 25 ▶ Matrix 25 	Matrix 25

Symbology/ Setting	Description	Default
Composite		
Composite CC-A/B		Disable
Composite CC-A/B	Switch to enable Composite CC-A/B decoding.	Disable
Composite CC-C		Disable
Composite CC-C	Switch to enable Composite CC-C decoding.	Disable
Composite General Preference		
UPC Composite Mode	<p>UPC barcodes can be "linked" with a 2D barcode during transmission as if they were one barcode.</p> <ul style="list-style-type: none"> ▶ UPC Never Linked: Transmit UPC barcodes regardless of whether a 2D barcode is detected. ▶ UPC Always Linked: Transmit UPC barcodes and the 2D portion. If the 2D portion is not detected, the UPC barcode will not be transmitted. Note: CC-A/B or CC-C must be enabled. ▶ Auto-discriminate: Transmit UPC barcodes as well as the 2D portion if present. 	UPC always Linked
GS1 DataBar		
GS1 DataBar-14		Disable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Disable
Security Level	Setting options are Normal and High .	Normal

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Transmit Application ID	Decide whether to transmit the Application ID ("01").	Enable
GS1 DataBar Limited		Disable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Disable
Security Level	Setting options are Normal and High .	Normal
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Transmit Application ID	Decide whether to transmit the Application ID ("01").	Enable
GS1 DataBar Expanded		Disable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Disable
Security Level	Setting options are Normal and High .	Normal
MSI		
MSI		Disable
MSI	Switch to enable MSI decoding.	Disable
Length option	Set the length of the MSI symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)

Symbology/ Setting	Description	Default
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	<p>Decide whether to decode EAN-8 with addon 2.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	<p>Decide whether to decode EAN-8 with addon 5.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Convert to EAN-13	Decide whether to enable converting EAN-8 to EAN-13 format.	Disable

Symbology/ Setting	Description	Default
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Switch to enable Bookland EAN decoding.	Disable
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
ISSN EAN	Switch to enable ISSN EAN decoding.	Disable
Security Level	Setting options are Normal and High .	Normal
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon

Symbology/ Setting	Description	Default
Preamble	<p>Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted.</p> <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	<p>Decide whether to decode UPC-E with addon 2.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Addon 5	<p>Decide whether to decode UPC-E with addon 5.</p> <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore Addon
Preamble	<p>Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted.</p> <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only 	Transmit System Character



Symbology/ Setting	Description	Default
Conver to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E check digit (the last character in the barcode) in the data being transmitted.	Enable
Selection System Number	Decide whether to decode the ordinary UPC-E barcodes only or both UPC-E0 and UPC-E1 barcodes. <ul style="list-style-type: none"> ▶ 0 only ▶ 0 and 1 	0 only
Telepen		Disable
Telepen	Switch to enable Telepen decoding.	Disable
Encoding	Tap to select the specification to be output: <ul style="list-style-type: none"> ▶ AIM ▶ Original 	AIM
Plessey		Disable
Plessey	Switch to enable Plessey decoding.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Enable
Convert UK Plessey	Decide whether to change each occurrence of the character 'A' to character 'X' in the decoded data.	Disable

Symbology/ Setting	Description	Default
French Pharmacode		Disable
French Pharmacode	Switch to enable French Pharmacode decoding.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable

2D SYMBOLOGIES

Symbology/ Setting	Description	Default
Aztec		
Aztec		Enable
Aztec	Switch to enable Aztec decoding.	Enable
Decode Mirror Image	<p>Switch to enable decode mirror images.</p> <ul style="list-style-type: none"> ▶ Never: Does not decode Aztec barcodes that are mirror images. ▶ Always: Decodes Aztec barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Aztec barcodes. 	Never

Symbology/ Setting	Description	Default
Inverse Type	Decide whether to disable or enable decoding inverse barcodes, or set as auto. <ul style="list-style-type: none"> ▶ Regular only ▶ Inverse only ▶ Inverse Auto-detect 	Regular only
Data Matrix		
Data Matrix		Enable
Data Matrix	Switch to enable Data Matrix decoding.	Enable
Decode Mirror Image	Switch to enable decode mirror images. <ul style="list-style-type: none"> ▶ Never: Does not decode Data Matrix barcodes that are mirror images. ▶ Always: Decodes Data Matrix barcodes that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored Data Matrix barcodes. 	Never
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None

Symbology/ Setting	Description	Default
Enable App ID Separator	<p>Check to enable the separator configuration for Application Identifier.</p>  <p>Left Separator Right Separator</p> <p>You can respectively set the Left Separator and Right Separator.</p> <p>Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.</p>	Disable
Inverse Type	<p>Decide whether to disable or enable decoding inverse barcodes, or set as auto.</p> <ul style="list-style-type: none"> ▶ Regular only ▶ Inverse only ▶ Inverse Auto-detect 	Regular only
MaxiCode		
MaxiCode		Enable
MaxiCode	Switch to enable MaxiCode decoding.	Enable
MicroPDF417		
MicroPDF417		Disable
MicroPDF417	Switch to enable MicroPDF417 decoding.	Disable

Symbology/ Setting	Description	Default
MicroQR		
MicroQR		Enable
MicroQR	Switch to enable MicroQR decoding.	Enable
PDF417		
PDF417		Enable
PDF417	Switch to enable PDF417 decoding.	Enable
QR Code		
QR Code		Enable
QR Code	Switch to enable QR Code decoding.	Enable
Decode Mirror Image	Switch to enable decode mirror images. <ul style="list-style-type: none"> ▶ Never: Does not decode QR Code that are mirror images. ▶ Always: Decodes QR Code that are mirror images. ▶ Auto-discriminate: Decodes both mirrored and unmirrored QR Code. 	Never
Inverse Type	Decide whether to disable or enable decoding inverse barcodes, or set as auto. <ul style="list-style-type: none"> ▶ Regular only ▶ Inverse only ▶ Inverse Auto-detect 	Regular only

Symbology/ Setting	Description	Default
Hanxin		
Hanxin		Enable
Hanxin	Switch to enable Hanxin decoding.	Enable
Dot Code		
Dot Code		Enable
Dot Code	Switch to enable Dot Code decoding.	Enable


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1D SYMBOLOGIES

Symbology/ Setting	Description	Default
CODABAR		
Codabar		Enable
Codabar	Switch to enable Codabar decoding.	Enable
Length Option	<p>Set the length of the Codabar symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CLSI Editing	<p>When applied, the CLSI editing strips the start/stop characters and inserts a space after the first, fifth, and tenth characters of a 14-character Codabar barcode.</p> <ul style="list-style-type: none"> ▶ The 14-character barcode length does not include start/stop characters. 	Disable
NOTIS Editing	<p>Set whether to include start/stop characters in the transmitted data.</p> <ul style="list-style-type: none"> ▶ NOTIS Editing is to strip the start/stop characters, i.e. to disable "Transmit Start/Stop Characters". 	Disable

Symbology/ Setting	Description	Default
CODE 11		
Code 11		Enable
Code 11	Switch to enable Code 11 decoding.	Enable
Check Digit Option	<p>Set whether to verify check digits according to the selected option. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ Disable ▶ One Check Digit ▶ Two Check Digit 	Disable
Transmit Check Digit	<p>Select whether to include check digits in the transmitted data.</p> <ul style="list-style-type: none"> ▶ Check Digit Option" must be enabled. 	Disable
Length option	<p>Set the length of the Code 11 symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 39		
Code 39		Enable
Code 39	Switch to enable Code 39 decoding.	Enable
Troptic Code 39	<p>Select whether to decode Trioptic Code 39.</p> <ul style="list-style-type: none"> ▶ Trioptic Code 39 is a variant of Code 39 used in the marking of computer tape cartridges. It always contains six characters. 	Enable

Symbology/ Setting	Description	Default
Convert to Code 32	Select whether to convert decoded data to Italian Pharmacode.	Disable
Code 32 Prefix	Prefix character "A" to Code 32 barcodes. <ul style="list-style-type: none"> ▶ "Convert to Code 32" must be enabled for this to function properly. 	Disable
Verify Check Digit	Select whether to verify the Modulo 43 check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable
Transmit Check Digit	Decide whether to include the check digit in the data to transmit. <ul style="list-style-type: none"> ▶ "Verify Check Digit" must be enabled. 	Disable
Support Full ASCII	Select whether to enable Code 39 Full ASCII decoding. Characters are paired to encode the full ASCII character set.	
Length option	Set the length of the Code 39 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 93		
Code 93		Enable
Code 93	Switch to enable Code 93 decoding.	Enable

Symbology/ Setting	Description	Default
Length option	Set the length of the Code 93 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
CODE 128		
Code 128		Enable
Code 128	Switch to enable Code 128 decoding.	Enable
GS1-128		Enable
GS1-128	Switch to enable GS1-128 decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings. Tap on  to choose your input method between Keyboard input and Symbol table input to set a separator character to replace with.	None
ISBT 128		Enable
ISBT 128	Switch to enable ISBT 128 decoding.	Enable
Chinese 25		Enable
Chinese 25	Switch to enable Chinese 2 of 5 decoding.	Enable

Symbology/ Setting	Description	Default
Discrete 25		Enable
Discrete 25	Switch to enable Discrete 2 of 5 decoding.	Enable
Length option	Set the length of the Discrete 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Interleaved 25		
Interleaved 25		Enable
Interleaved 25	Switch to enable Interleaved 2 of 5 decoding.	Enable
Length option	Set the length of Interleaved 2 of 5 symbols to decode. <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	Decide whether to verify the check digit. If the check digit is incorrect, the barcode will not be accepted.	Disable

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Convert to EAN-13	Convert a 14-character Interleaved 25 barcode into EAN-13 if the following requirements are met: The barcode must have a leading 0 and a valid EAN-13 check digit.	Disable
GS1 DataBar		
GS1 DataBar-14		Enable
GS1 DataBar-14	Switch to enable GS1 DataBar-14 decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
GS1 DataBar Limited		Enable
GS1 DataBar Limited	Switch to enable GS1 DataBar Limited decoding.	Enable
Convert to UPC/EAN	Strip the leading '010' of GS1 DataBar and converts the barcode to EAN-13.	Disable
GS1 DataBar Expanded		Enable
GS1 DataBar Expanded	Switch to enable GS1 DataBar Expanded decoding.	Enable
Separator Character	Enable the function code character separator, which is used to separate data fields of variable length and application identifiers of subsequent data fields in concatenated data strings.	None

Symbology/ Setting	Description	Default
MSI		
MSI		Enable
MSI	Switch to enable MSI decoding.	Enable
Length option	<p>Set the length of the MSI symbols to decode.</p> <ul style="list-style-type: none"> ▶ One Fixed Length (Length 1) ▶ Two Fixed Length (Length 1 > Length 2) ▶ Max / Min Length (Range: 0-55; Length 1 < Length 2) ▶ Any Length 	Max / Min Length (4-55)
Verify Check Digit	<p>One check digit is mandatory for decoding MSI barcodes. Select whether a second check digit should be verified. If the check digits are incorrect, the barcode will not be accepted.</p> <ul style="list-style-type: none"> ▶ One Check Digit ▶ Two Check Digits 	One Check Digit
Transmit Check Digit	Decide whether to include the check digit in the data to transmit.	Disable
Algorithm	<p>When two check digits are set for verification, two choices are available for the pair of check digits.</p> <ul style="list-style-type: none"> ▶ Modulo10 / Modulo11 ▶ Double Modulo 10 	Double Modulo 10

Symbology/ Setting	Description	Default
EAN		
EAN-8		Enable
EAN-8	Switch to enable EAN-8 decoding.	Enable
Addon 2	Decide whether to decode EAN-8 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode EAN-8 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the check digit in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
EAN-13		Enable
EAN-13	Switch to enable EAN-13 decoding.	Enable
Bookland EAN	Checkbox to enable ISBN decoding. If enabled, select Bookland ISBN Format below.	Disable
Bookland ISBN Format	Decodes Bookland data starting with 978 in 10-digit format along with the Bookland check digit, or Bookland data starting with 978/979 in 13-digit format.	Bookland ISBN-10
Addon 2	Decide whether to decode EAN-13 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon

Symbology/ Setting	Description	Default
Addon 5	Decide whether to decode EAN-13 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Transmit Check Digit	Decide whether to include the EAN-13 check digit (the last character in the barcode) in the data being transmitted.	Enable
ISSN EAN	Checkbox to enable ISSN EAN decoding.	Disable
UPC		
UPC-A		Enable
UPC-A	Switch to enable UPC-A decoding.	Enable
Addon 2	Decide whether to decode UPC-A with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-A with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-A preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character

Symbology/ Setting	Description	Default
Transmit Check Digit	Decide whether to include the UPC-A check digit (the last character in the barcode) in the data being transmitted.	Enable
Convert to EAN-13	Checkbox to enable converting EAN-8 to EAN-13 format.	Disable
UPC-E		Enable
UPC-E	Switch to enable UPC-E decoding.	Enable
Addon 2	Decide whether to decode UPC-E with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E check digit (the last character in the barcode) in the data being transmitted.	Enable

Symbology/ Setting	Description	Default
UPC-E1		Disable
UPC-E1	Switch to enable UPC-E1 decoding.	Disable
Addon 2	Decide whether to decode UPC-E1 with addon 2. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Addon 5	Decide whether to decode UPC-E1 with addon 5. <ul style="list-style-type: none"> ▶ Ignore Addon ▶ Auto-discriminate 	Ignore addon
Preamble	Decide whether to include the UPC-E1 preamble System Character (and Country Code) in the data being transmitted. <ul style="list-style-type: none"> ▶ No transmit: Transmit none of the above ▶ Transmit System Character: Transmit system number only ▶ Transmit Sys. Character and Country Code: Transmit system number and country code 	Transmit System Character
Convert to UPC-A	The UPC-E1 barcode will be expanded into UPC-A format, and the next process will follow the settings configured for UPC-A.	Disable
Transmit Check Digit	Decide whether to include the UPC-E1 check digit (the last character in the barcode) in the data being transmitted.	Enable
Coupon Code		
Goupon Code		Disable
Coupon Code	Switch to enable Coupon Code decoding.	Disable

Chapter 5

PROFILE

This chapter guides you how to enable a profile and how to set the associated app for a profile.

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5.1 PROFILE ENABLE

With an “**Associated app**”, the profile can be enabled, and the “**Associated app**” will receive the decoded data output by ReaderConfig once the profile is enabled.

Profile : Profile 3		RESET
General Settings		
Scanner Preferences		
Data Output		
Advanced Data Formatting		
Notification Settings		
Symbology		
1D Symbologies		
2D Symbologies		
Profile		
Profile Enable	Enable/disable this profile	<input checked="" type="checkbox"/>
Associated app	com.android.chrome	

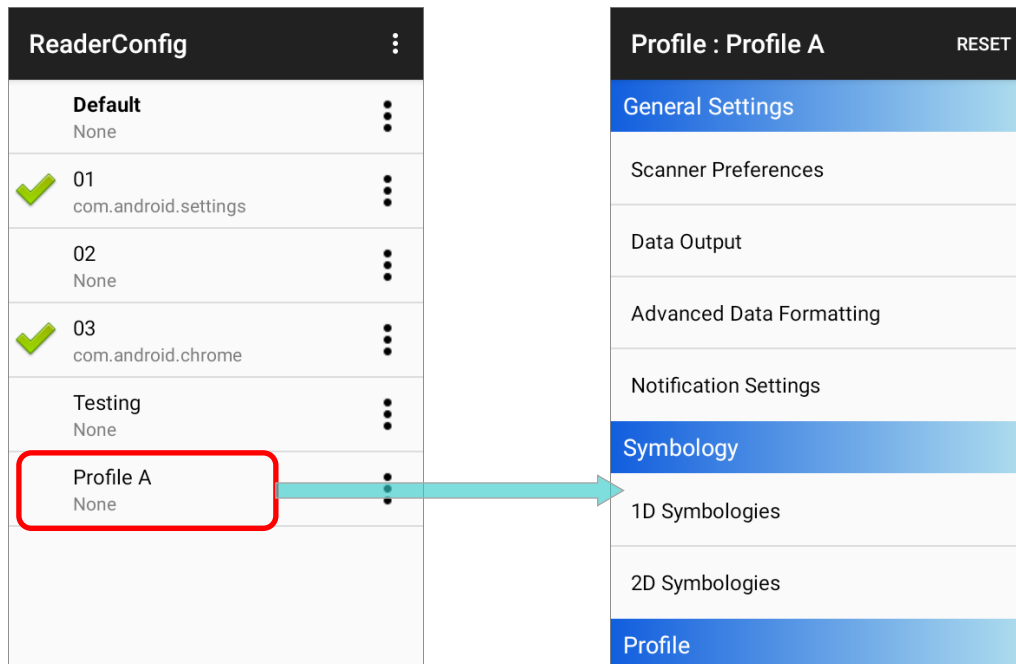
Note:

- (1) The “Default” profile doesn’t support “Associated app”, please assign “Associated app” to the profile(s) you create.
- (2) Mutiple profiles can be enabled at the same time.

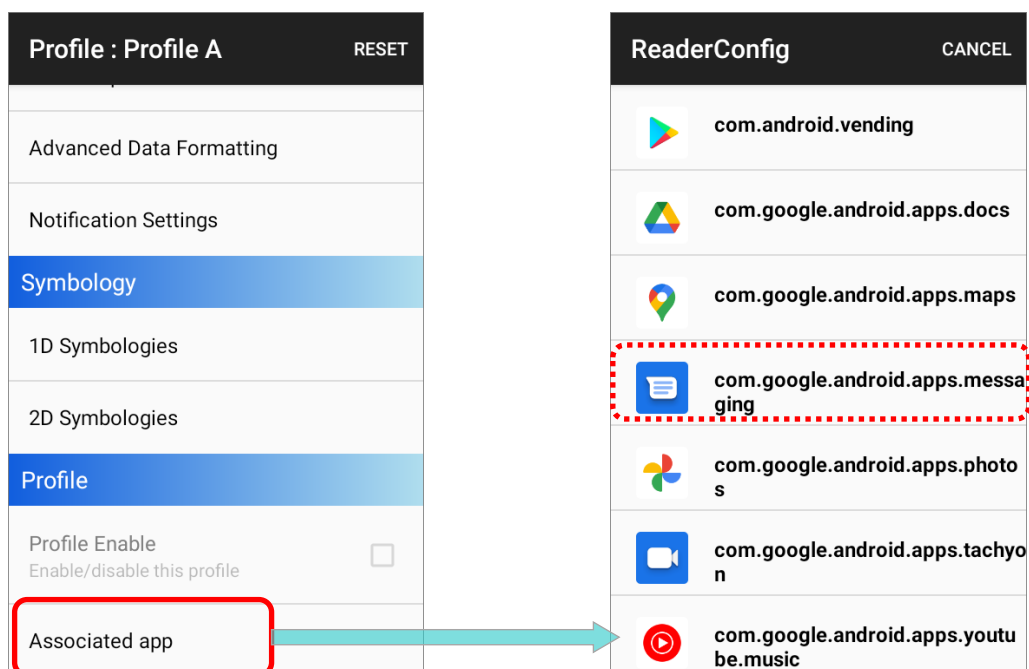
HOW TO ENABLE A PROFILE

To enable a profile:

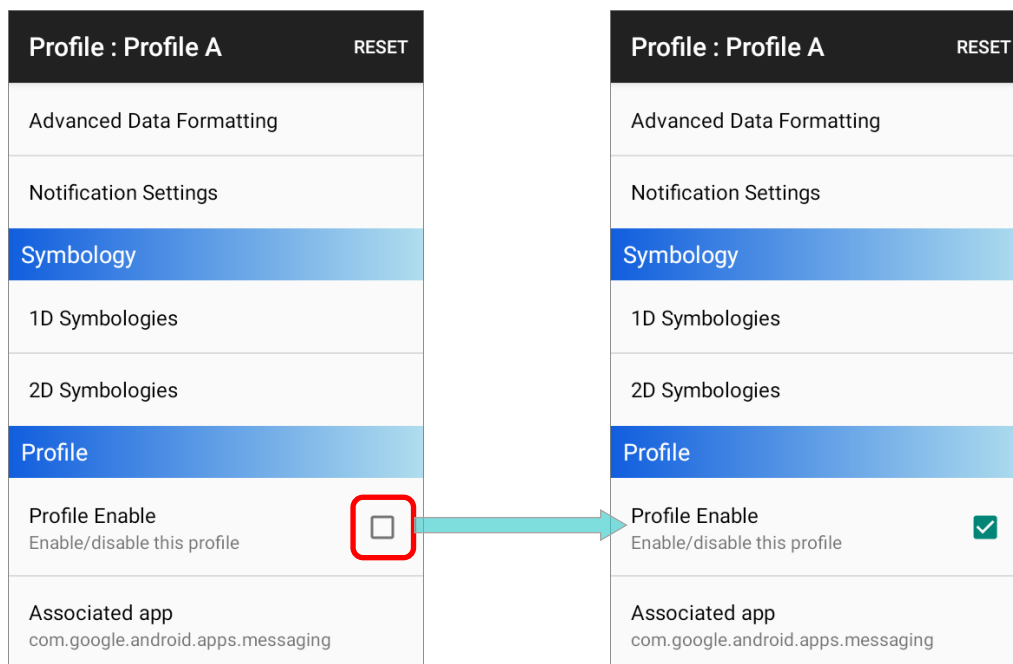
- 1) Tap on the profile you'd like to enable to enter the profile main page.




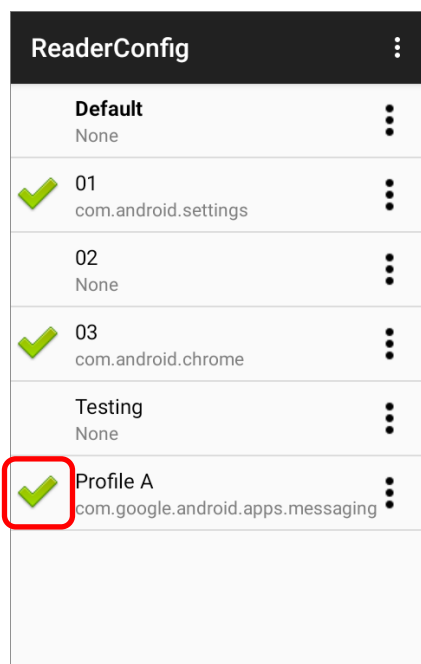
- 2) Tap on "Associated app" under "Profile" to assign an app to be the "Associated app" to this profile.



3) Now the function “**Profile Enable**” is available for user to tick the checkbox to enable this profile.



Return to **ReaderConfig** main screen, and you will find that the enabled profile(s) is with a check mark  next to it.



Note: Mutiple profiles can be enabled at the same time.

5.2 ASSOICATED APP

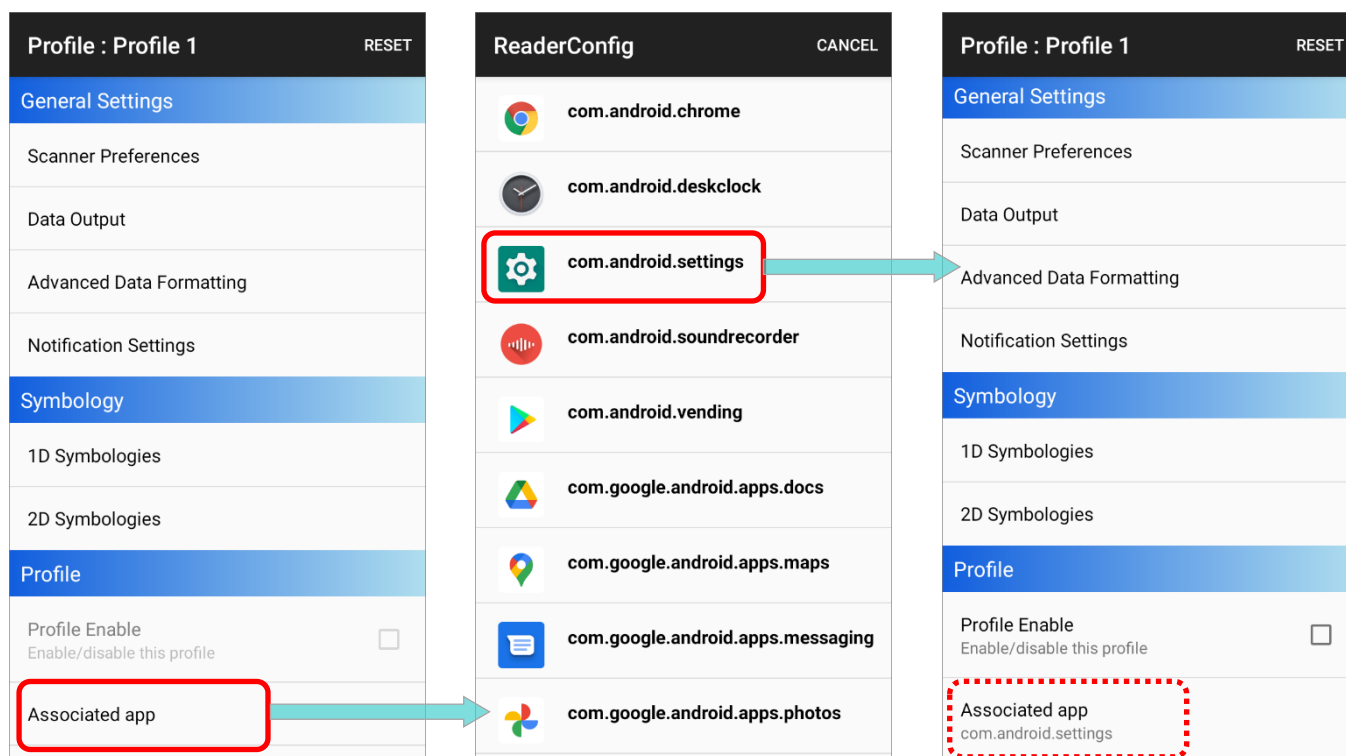
“**Associated app**” is to assign an application to receive the decoded data which is output according to the settings of the profile bound with this “**Associated app**”.

Profile : Profile 3		RESET
General Settings		
Scanner Preferences		
Data Output		
Advanced Data Formatting		
Notification Settings		
Symbology		
1D Symbologies		
2D Symbologies		
Profile		
Profile Enable Enable/disable this profile		<input checked="" type="checkbox"/>
Associated app com.android.chrome		

5.2.1 ADD "ASSOCIATED APP"

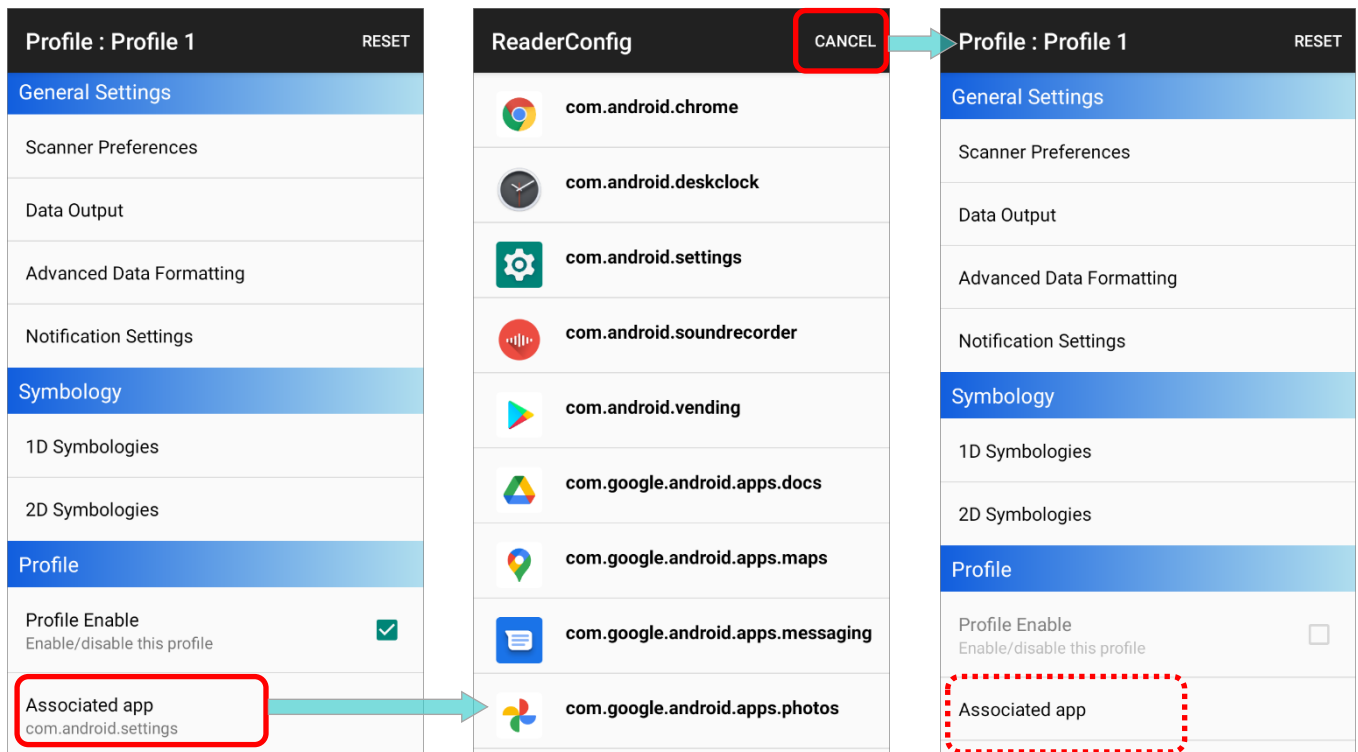
To assign an app as the "**Associated app**" to a profile:

- 1) Enter the profile main page and tap on "**Associated app**" under "**Profile**".
- 2) Select the app to be the "**Associated app**" of this profile.



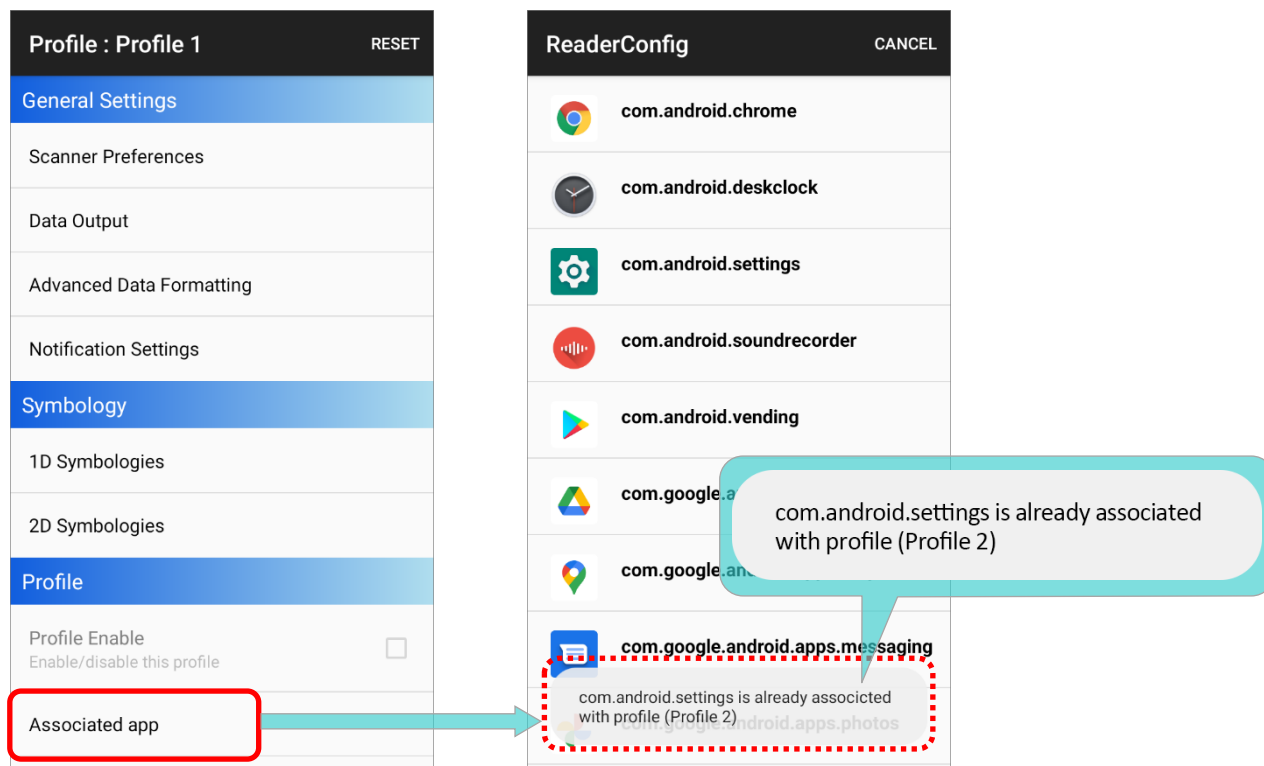
5.2.2 REMOVE “ASSOCIATED APP”

To clear the assigned “Associated app”, please tap on “Associated app” to enter the app list page, and tap on “CANCEL” on the action bar:



5.2.3 UNAVAILABLE ASSOCIATED APP

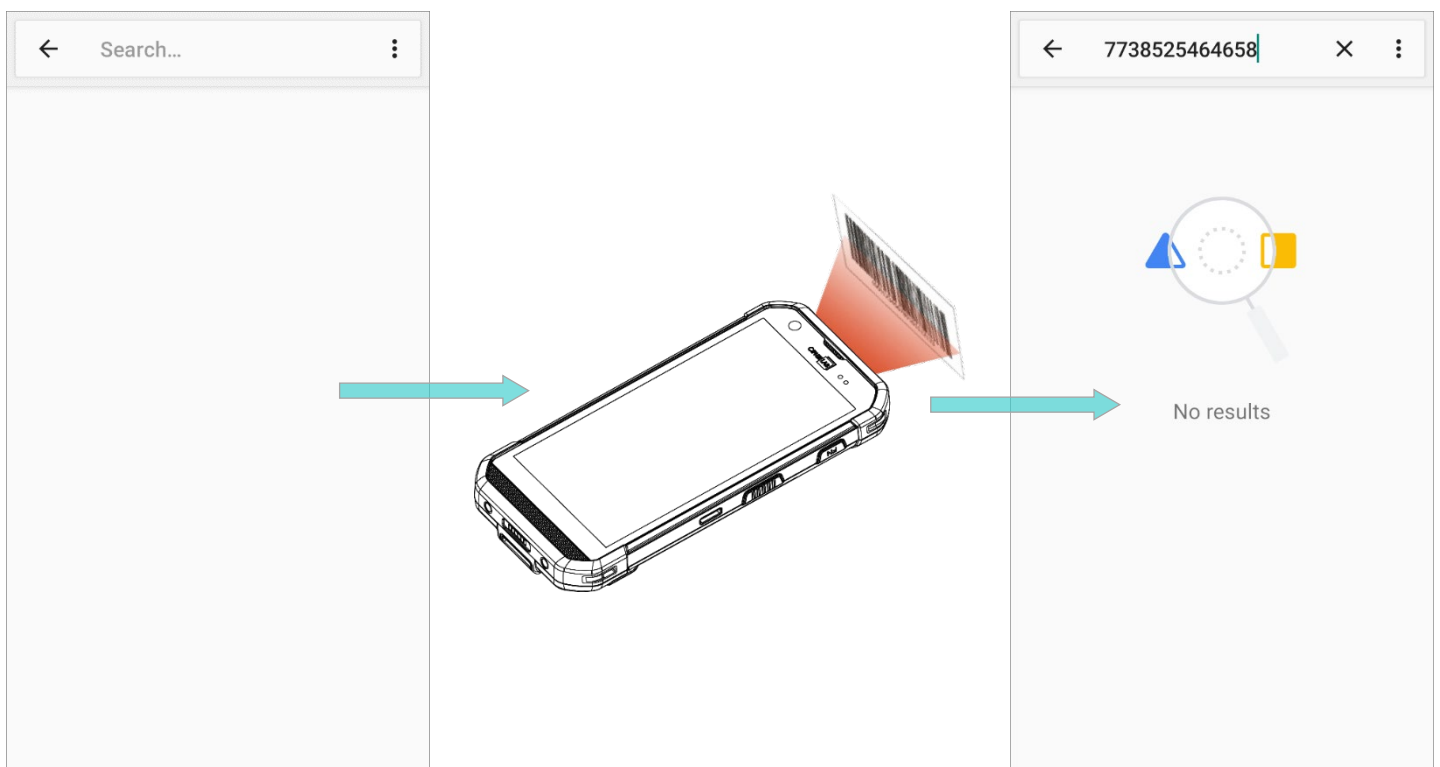
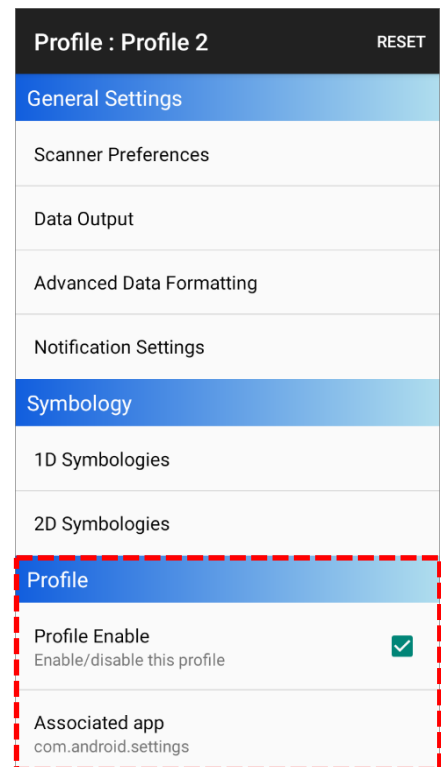
An app can be set as the associated app to only one profile. If the app you would like to select is already assigned to other profile, a prompt appears to remind you about this app is occupied by which profile.



5.2.4 RECEIVE THE DECODED DATA

If a profile is enabled, its **“Associated app”** will receive the decoded data output by ReaderConfig.

- 1) Launch the **“Associated app”** of the enabled profile.
- 2) Aim the scan window at the barcode and press the trigger to read it.
- 3) The decoded data is sent to the **“Associated app”**.



Chapter 6

MISCELLANEOUS

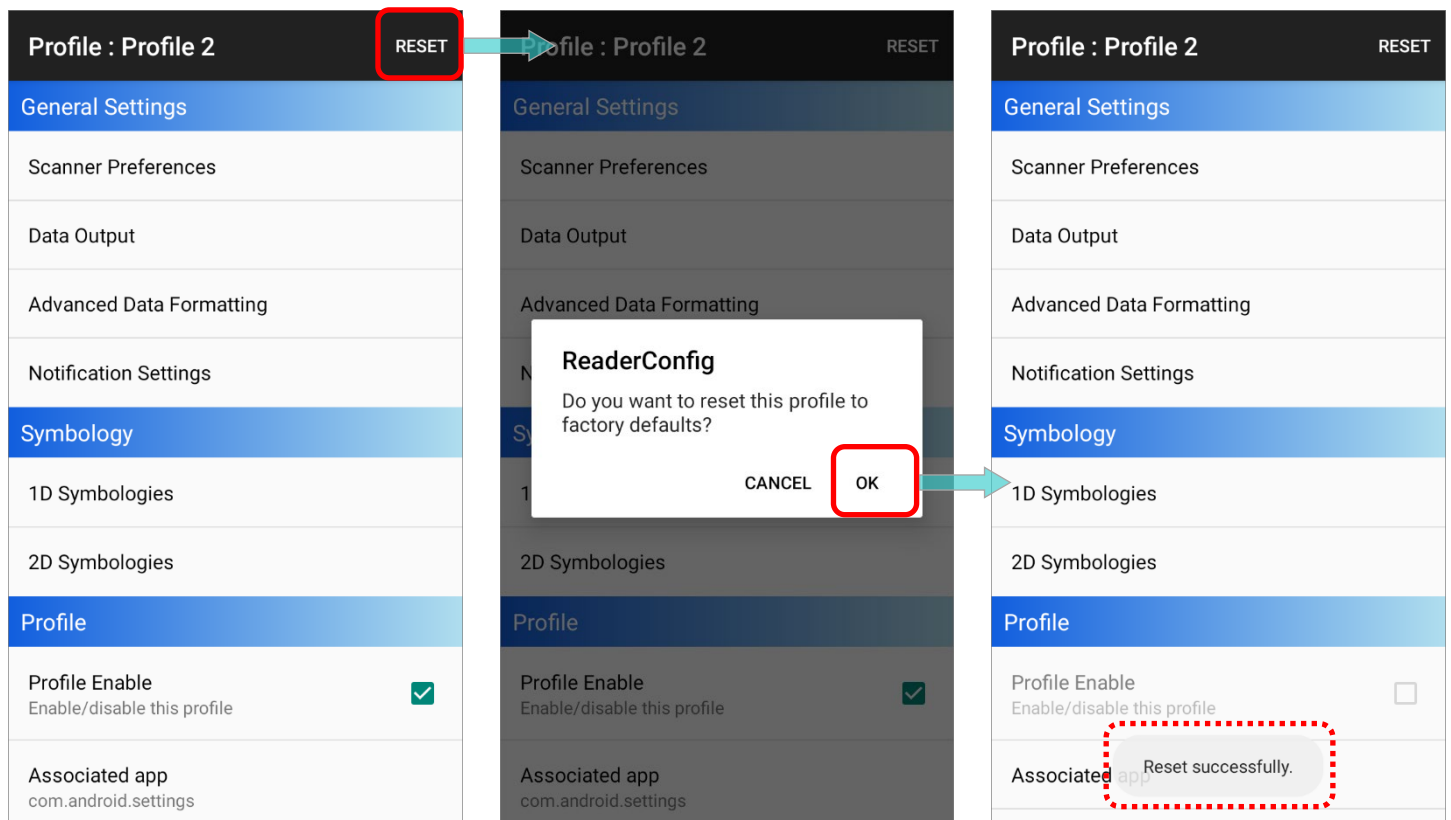
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6.1 RESET

The function "Reset" restores all settings in a profile to default.


- 1) Enter the profile main page of the profile you'd like to reset its settings.
- 2) Tap on "**RESET**" on the action bar.
- 3) Tap on "**OK**" on the confirmation dialog to reset or **Cancel** to close the dialog.

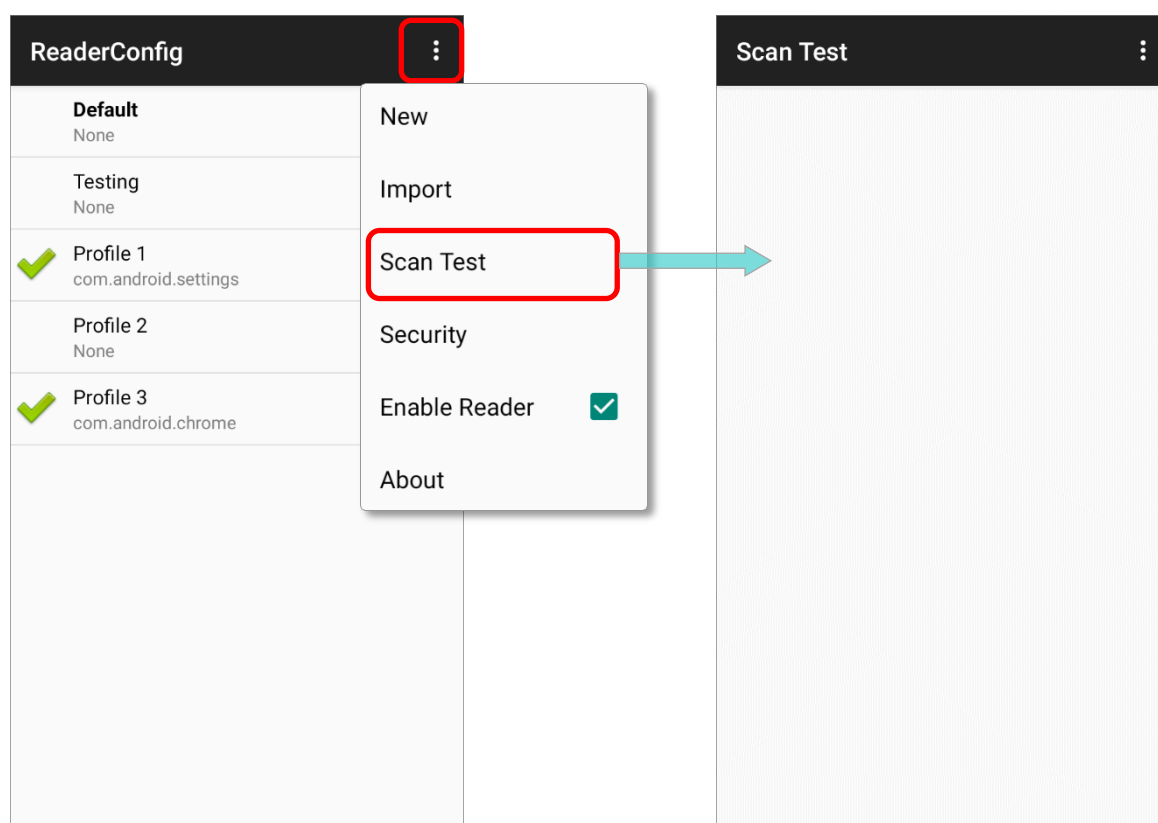


6.2 READ PRINTED BARCODE

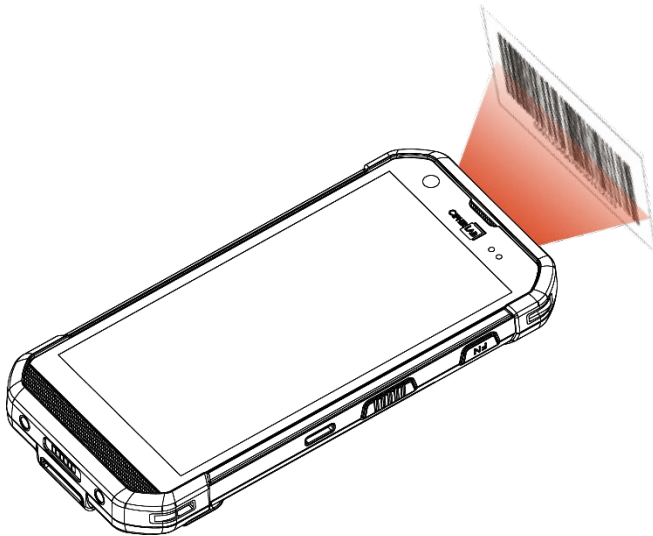
Aside from output to destinations as per [Keyboard Emulation](#) settings, ReaderConfig provides a **Scan Test** feature for quick viewing of decoded data.

To perform test scanning of barcodes:

- 1) On ReaderConfig main screen, tap the more button  on the action bar to open the main menu.
- 2) Tap on **Scan Test**. A Test Scan Form opens for displaying the scanned data.



- 3) Aim the scanning window at the barcode to read and press any of the side trigger. The scanning light beams to read the printed barcodes. The scanning light goes off once the data is decoded, or when the decode timeout period has passed.





- 4) The decoded data will appear on the page.



DECODED DATA

When finished viewing the decoded data, you may:

- Tap back button to leave the test scan page.
- Tap the more button  and then **"Save"** to save the decoded data as a .txt file.
- Tap on the more button  and **"Clear All"** to clear all data on the screen.

