1660/1661 Cordless Scanner Quick Start Guide

Download the user manual CD contents using GoBetween, available at http://ccs.cipherlab.com.

Open Your Box

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- Barcode Scanner
- CipherLab dongle
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1661 Scanner —
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- Rechargeable Li-ion battery
- Direct USB Cable
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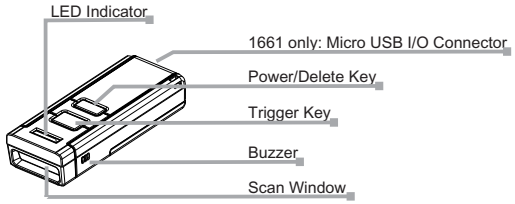
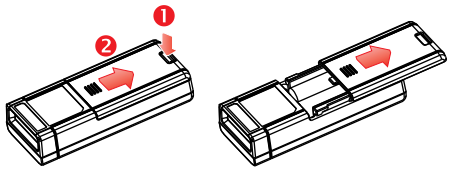


Power on...

1660 Scanner requires two AAA Alkaline batteries.
1661 Scanner requires own rechargeable Li-ion battery.

Step 1: Remove battery cover and insert battery or batteries.

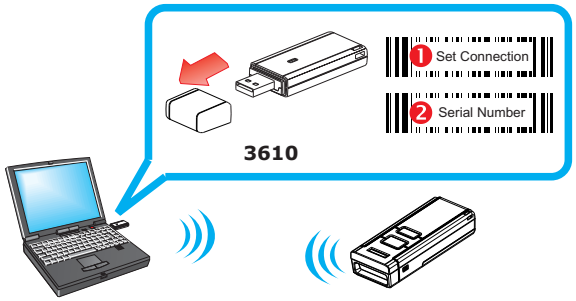


Step 2: Press the **Power/Delete** key for about 2 seconds.
The scanner will respond with a long beep (high) tone, and the LED light will become solid red and go off quickly.

Live Mode

BT Connection —
By factory default, the scanner is set to use BT HID for connecting to PC or target device. You may change to BT SPP if necessary. BT pairing is required for establishing a connection.

CipherLab Dongle —
You may use 3610 for a quick connection. All it takes is to scan the two barcode labels at back of the dongle. No pairing is required. By factory default, the dongle is set to use USB HID. You may change it to USB Virtual COM if necessary.



>> See setup card: 3a/4a

Authentication

By factory default, authentication is disabled on the scanner, meaning no PIN is required unless a PIN code is displayed on the target device (see Random PIN).

Use Preset PIN

Preset PIN "0000" —
Scan the **Enable Authentication** barcode. By factory default, it is set to use "0000".

Preset PIN other than "0000" —
Step 1: Scan the **Enable Authentication** barcode.
Step 2: Scan the **Start**, **numeric** and **End** barcodes.

Use Random PIN

While pairing, if you see a PIN code displayed on the target device, scan the **Start**, **numeric** and **End** barcodes to input the same code.

>> See setup card: 2a/2b

Memory Mode

If real-time data collection is not desired, you may set the scanner to work in Memory Mode. Then, upload data when you are done with data collection.

Step 1: Scan the **Enable Memory Mode** barcode.
Any Live Mode connection will be suspended.

Step 2: Scan data.

Step 3: Scan the **Send Data** barcode. The scanner will resume Live Mode connection.
It will transmit data via preset BT interface or CipherLab dongle.

Step 4: Scan the **Clear Data & Confirm** barcodes when you are done with data upload.

>> See setup card: 1a

1661 Only

If you're using 1661, you may connect the USB cable for data upload, as well as for battery charging. It takes about 4 hours to fully charge the battery.

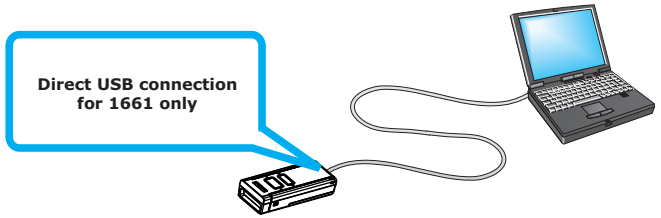
Step 1: Scan the **Enable Memory Mode** barcode.

Step 2: Scan data.

Step 3: Connect the USB cable.

Step 4: Scan the **Send Data** barcode when you are done with data collection.

Step 5: Scan the **Clear Data & Confirm** barcodes when you are done with data upload.



>> See setup card: 1a

Select HID

Depending on the interface you need, scan a specific **interface** barcode from the setup card.

Supported Interface —
- BT HID
- CipherLab dongle: USB HID
- Direct USB cable: USB HID

Reset Connection

For BT HID, you can only have the scanner connected to one computer at a time. If you want to connect the scanner to another host, scan the **Reset Connection** barcode so that the current connection record will be cleared. The scanner will restart itself automatically.

>> See setup card: 3a

Select Keyboard Type

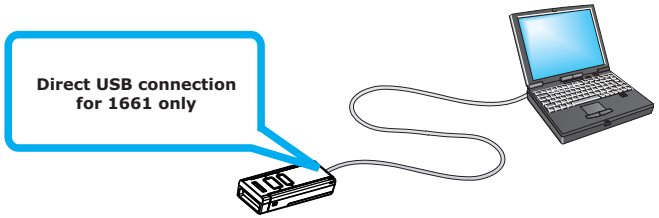
Keyboard type PCAT(US) —
By factory default, the keyboard type is set to PCAT(US). If you need a keyboard type other than that, you may change it before use. If you are switching back to HID from a non-HID interface, you will have to go through the three steps below to complete the keyboard type setting.

Keyboard type other than PCAT(US) —

Step 1: Scan a specific **HID interface** barcode.

Step 2: Scan the **numeric** barcodes for the country code.

Step 3: Scan the **End** barcode to complete the setting.



>> See setup card: 3a/3b

Select Virtual COM

Depending on the **interface** you need, scan a specific interface barcode from the setup card.

Supported Interface —
- BT SPP, Master or Slave Mode
- CipherLab dongle: USB Virtual COM
- Direct USB cable: USB Virtual COM

>> See setup card: 4a

Restore Defaults

Restore System Defaults —
For the scanner to restore the factory defaults, scan the **Restore System Defaults** barcode. Alternatively, you may use key combination in the following sequence:

Step 1: Hold down the **Power/Delete** key.
Step 2: When the scanner responds with two short beeps (high tone), press the **Trigger** key for about 5 seconds. The scanner LED indicator becomes solid red for a while and then goes off.
Step 3: When the scanner responds with a long beep (high tone), release the keys. Its LED indicator becomes solid red and goes off quickly. The scanner will restore system defaults and restart itself automatically.

Save as User Defaults —
For the scanner to keep the current settings as user defaults, scan the **Save as User Defaults** barcode.

Restore User Defaults —
For the scanner to restore the user defaults, which you have saved earlier, scan the **Restore User Defaults** barcode.

>> See setup card: 4b

Mobile Phone Support

As long as your scanner fits the requirements, the scanner can be used as a data collector for a mobile phone.

Scanner Requirements —
- 1660 firmware version 1.33 or later
- 1661 firmware version 1.00 or later

Supported Mobile Phones —
- iPhone, iPad (HID)
- BlackBerry 5.x (SPP)
- Android 2.x (SPP)/Android 3.x (SPP/HID)
- Windows Mobile, Windows Embedded Handheld, Windows CE (SPP/HID)

Initial Setup

All you need to do is to scan a specific **mobile phone setup** barcode. The scanner will restart itself automatically.

>> See setup card: 5a

Authentication

Use Preset PIN

Preset PIN "0000" —
After scanning a specific **mobile phone setup** barcode, it is set to use "0000" for the following mobile phones in Live Mode:

- BlackBerry, Android or Windows Mobile: SPP Slave Mode
- Windows Mobile: HID

Preset PIN other than "0000" —
Step 1: Scan the **Enable Authentication** barcode.
Step 2: Scan the **Start**, **numeric** and **End** barcodes.

Use Random PIN

After scanning a specific **mobile phone setup** barcode, it is set to use random PIN for the following mobile phones in Live Mode:

- iPhone, iPad: HID
- Windows Mobile, Android 3.x: HID

While pairing, when you see a PIN code displayed on the target device, scan the **Start**, **numeric** and **End** barcodes to input the same code.

>> See setup card: 5b

P/N S1660AQG02012