Smarter Solution Keeps up with Fast-paced Changes

With the development of E-commerce, delivery speed is in high demand for industries such as transportation and logistics and direct store delivery. A smarter and faster solution is needed. The importance of device upgrade capability has become a crucial element in maximizing device investment and customer satisfaction. CipherLab continually aims to deliver a leading solution and has created the advanced RS51 rugged touch computer that can streamline data collection with one simple device. Along with reliable cellular and WiFi transmission, the RS51 gives users extraordinary mobility indoors and out.

A Future Proof Device that is Adaptable to Future Changes

As an Android Enterprises Recommended (AER) device users will have support for multiple versions of the Android OS. The RS51 series is future proofed with Android 8.0 operating system and is upgradable to later Android versions which maximizes device investment. Along with Google Mobile Services (GMS), your business can enjoy great user experience along with advantages in operation speed, power efficiency, data security and work seamlessly with a collection of Google applications such as Gmail and Google Maps. With a user upgradable flexibility, your enterprise can enjoy all the upgrades for years to come.

Complete Value-added Utilities and Software

Not only hardware, CipherLab provides a complex solution for your software needs. The RS51 is compatible with various self-owned and 3rd party devices. Management and deployment of devices anywhere and anytime is feasible. With CipherLab Wireless Mobile Deployment System (WMDS), users may efficiently deploy device configurations on all devices in the warehouse, store, or your entire enterprise. CipherLab's platform can improve operation for business' every-day usage. Its future-proof and upgradeable feature are highly adaptable to future changes.

Ergonomic Design Centered On Usability

CipherLab RS51's user-centered design is easy to use all day long. The auto-adjustable backlight and sunlight visibility ensures screen readability in or out the field. Regardless of wearing gloves or having wet fingers, the RS51's multi-touch panel and stylus input has it covered. Options of 4000 mAh and 5300 mAh replaceable batteries cover a minimum of 12 hour operation. The RS51's auto-adjustable backlight and sunlight visibility ensures screen readability in or out the field. Regardless of wearing gloves or having wet fingers, the RS51's multi-touch panel and stylus input has it covered.

Built for Smarter and More Efficient Operations

CipherLab RS51 series offers the advantages with enhanced functions to provide smarter and more efficient operations for business everyday usage. In the future-proof and upgradeable feature is highly adaptable to future changes. The RS51 series has a comprehensive data capturing capabilities. Along with strong mobility options such as WiFi and 4G/LTE, its enterprise functionality is protected by advanced rugged designs. On top of it all, CipherLab’s RS51 flexible complete solution offers enhanced usability and increases productivity to manage and simplify business operations and maintenance.

Road to Future

CipherLab RS51 gives users extraordinary mobility indoors and out. Along with reliable cellular and WiFi transmission, the RS51 gives users extraordinary mobility indoors and out.

Complete Mobile Office Solution

CipherLab’s versatile data collection supports 1D and 2D barcodes with comprehensive abilities to capture data in milliseconds, even if the barcode is in poor condition. The option of various self-owned and 3rd party applications in three modes. RS51's versatile data collection easily optimizes your operation.

All Your Data Capturing Needs in One Device

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Reliable Field Mobility Makes Operation Easy Inside and Out

Your business and field workers can enjoy reliable cellular and WiFi support. You never have to worry about facilitating large file transfers, video calls and remote access to back-end systems with its 4G/LTE. Being connected to corporate system at all times allows you to acquire information, update back-end system and receive notications of information quickly. Supporting up to 2 SIM cards on 2 different networks, enables your workers who cover large areas in different countries to have constant connectivity. Also, a comprehensive GPS support accurate positioning and reduces drive time. Voice capabilities, VoIP (Push-to-Talk) and VoLTE improve your field worker’s instant voice connection with staffs inside the office. The microphones with noise reduction and echo cancellation let users hear every word of every call in noisy environments or on the road in city traffic.

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Smarter Solution Keeps up with Fast-paced Changes

Android 8.0 (Oreo) GMS certified
Upgradable to later versions

Supports 1D and 2D barcodes
HF RFID capabilities and supports contactless NFC applications

4.7” display
Auto-adjustable backlight and sunlight visibility
Microphone with noise reduction and echo cancellation

Flexible data entry options
finger + gloved finger
finger + stylus input
(wet finger is also practical)

IP65 and IP67 sealing protects device from dust and water

13 MP Camera with LED flash to capture photos for proof of service

Removable 4000/5300 mAh battery
Operate minimum 12 and 16 working hours
Smarter Solution Keeps up with Fast-paced Changes

With the development of E-commerce, delivery speed is in demand for industries such as transportation and logistics and direct store delivery. A smarter and faster solution is needed. The importance of device upgrade capability has become a crucial element in maximizing device investment and customer satisfaction. CipherLab continually aims to deliver a leading solution and has created the advanced RS51 rugged touch computer that can streamline data collection with one simple device. Along with reliable cellular and Wi-Fi transmission, the RS51 gives users extraordinary mobility indoors and out.

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All Your Data Capturing Needs in One Device

CipherLab’s RS51’s versatile data collection supports 1D and 2D barcodes with comprehensive abilities to capture data in milliseconds, even if the barcode is in poor condition. The option of mid-range reader makes barcode capture in the warehouse and duplicate device settings for different series of products. Management and deployment of devices anywhere and anytime is feasible. With CipherLab Wireless Mobile Deployment System (WMDS), users may efficiently deploy device configuration and generate corresponding 1D/2D barcodes. With a simple scan, all required settings are done within seconds. CipherLab BarcodeToSetting creates user-friendly setup process, significantly shortens user’s device setup time. Users may simply BarcodeToSetting to generate the barcode and save it to device. The barcode will then be scanned and generate corresponding 1D/2D barcode. With a simple scan, all required settings are done within seconds.

Complete Value-added Utilities and Software

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Ergonomic Design Centered On Usability

CipherLab’s RS51’s user-centered design is easy to use all day long. The auto-adjustable backlight and sunlight visibility ensures screen readability in or out the field. Regardless of wearing gloves or having wet fingers, the RS51’s multi-touch panel and stylus input has it covered. Options of 4000 mAh and 5300 mAh replaceable batteries cover a minimum of 12 hour operation. Its heat soak function and backup battery offer smooth operation without worrying about data loss. Moreover, IPS and FKG saving protects your device from dust and water. Regardless of your working environment, you can rely on RS51 to get the job done.

Reliable Field Mobility Makes Operation Easy

Your business and field workers can enjoy reliable cellular and Wi-Fi support. Your never have to worry about facilitating large file transfers, video calls and remote access to backend systems with its 4G/LTE. Being connected to corporate system at all times allows you to acquire information, update backend system and receive notifications of information quickly. Supporting up to 2 SIM cards in different networks covers large areas in different countries to have constant connectivity. Also, a comprehensive GPS support accurate positioning and reduces drive time. Voice capabilities, VoIP (Push-to-Talk) and VoLTE improve your field worker’s instant voice connection with staffs inside the office. The microphones with noise reduction and echo cancellation let users hear every word of every call in noisy environments or in the loud city traffic.

RS51 series

Complete mobile office solution.

CipherLab RS51’s versatile data collection supports 1D and 2D barcodes with comprehensive abilities to capture data in milliseconds, even if the barcode is in poor condition. The option of mid-range reader makes barcode capture in the warehouse and duplicate device settings for different series of products. Management and deployment of devices anywhere and anytime is feasible. With CipherLab Wireless Mobile Deployment System (WMDS), users may efficiently deploy device configuration and generate corresponding 1D/2D barcodes. With a simple scan, all required settings are done within seconds.
**Smartphone Keeps up with Fast-paced Changes**

- **Android 8.0 (Oreo) GMS certified**
  - Upgradable to later versions

- **Supports 1D and 2D barcodes**
  - HF RFID capabilities and supports contactless NFC applications

- **4.7" display**
  - Auto-adjustable backlight and sunlight visibility

- **Microphone with noise reduction and echo cancellation**

- **Flexible data entry options**
  - Finger + gloved finger
  - Finger + stylus input
  - (wet finger is also practical)

- **IP65 and IP67 sealing protects device from dust and water**

- **13 MP Camera with LED flash to capture photos for proof of service**

- **Removable 4000/5300 mAh battery**
  - Operate minimum 12 and 16 working hours

**Features**

- **Dedicated scan key, 3 programmable keys**
  - (volume up and down keys, right trigger key)
  - Power key

- **USB 2.0 OTG and charging contact**
  - **VoLTE & HD voice support**
  - Speaker, dual array microphones with echo and noise cancellation

- **Networks**
  - GSM / GPRS / EDGE / WCDMA / HSPA+ / LTE
  - (3G) UMTS/HSPA/HSPA+: B1 (2100), B2 (1900), B4 (1700), B5 (850), B8 (900)
  - (3G) CDMA: BC0, BC1, BC10

- **Internal memory**
  - On request: 32GB Flash / 4GB RAM, 64GB Flash / 4GB RAM

- **External memory**
  - TF card (128GB max)

- **Operating system**
  - Android 8.0 (Oreo) GMS certified

- **Operating temperature**
  - -30°C to 70°C / -22°F to 158°F

- **Humidity (non-condensed)**
  - 10% to 90% / Storage 5% to 95%

- **Weight (including battery)**
  - 365 g

- **Dimensions (LxWxH)**
  - 162 x 80 x 26 mm

- **Camera**
  - Autofocus 13 megapixels (F2.0) with user-controllable flash

- **Wireless communication**
  - Reader Configuration, Button Assignment, MDS, Software Trigger Key, Xamarin Binding, CipherLab TE, App-Lock

- **Contactless NFC applications**
  - Supports NFC (Peer-to-Peer, Card Reader, Card Emulation)

- **RFID capabilities**
  - HF RFID / UHF RFID

- **Development support**
  - Application software: Interactive Sensor Technology

- **Environment**
  - Dust resistance: Rated to IP67
  - Water resistance: Rated to IP65

- **Impact resistance**
  - 12 and 16 working hours

- **Charging and Communication cradle**
  - USB or Ethernet
  - 4-slot battery charger
  - Pistol Grip
  - Vehicle Cradle

- **Reserved for CRM**
  - 4-slot charging and communication cradle with Ethernet

- **Accessories**
  - Charging and Communication Cradle
  - USB snap-on cable
  - 4-slot battery charger
  - Pistol Grip
  - Vehicle Cradle

- **Construction**
  - Octa-core 1.8GHz

- **Protection**
  - Built-in GPS, AGPS, GLONASS, BeiDou, Galileo

- **Battery**
  - Replaceable and rechargeable 3.75V 5300 mAh Li-ion battery

- **Encryption standards**
  - AES-CCMP, WPI-SMS4, WPS2.0, WAPI

- **Android SDK**
  - Reader API, SAM API, HTML 5 API

- **Expansion**
  - SSD expansion up to 128GB through USB 3.0 interface
  - External display (Upgradable to later versions)

- **Ports**
  - Reader Interface supported
  - Reader Configuration, Button Assignment, MDS, Software Trigger Key, Xamarin Binding, CipherLab TE, App-Lock
  - USB 2.0 OTG charging contact

- **Development tools**
  - Android SDK
  - CipherLab Developer Kit
  - CipherLab TE
  - CipherLab MDS
  - CipherLab SOTI MobiControl
  - CipherLab CipherConnect
  - CipherLab CipherCloud
  - CipherLab CipherShield
  - CipherLab CipherRemote
  - CipherLab CipherBridge

- **Certifications**
  - RoHS, REACH, WEEE, ErP

- **System architecture**
  - Wi-Fi b/g/n/ac on.
  - Bluetooth® profile
  - GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP

- **Warranty**
  - 3 years

- **Contact**
  - CipherLab Co., Ltd.
  - Taipei, Taiwan 10669
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  - Fax +886 2 8732 3300

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