

Smarter Solutions

PERFORMANCE, EFFICIENCY, ACCURACY



CIPHER LAB
Smarter

About CipherLab

Founded in 1988, CipherLab offers scanning, mobile computing, and wireless communication solutions. Specializing in barcode scanning, decoding, AI optical character recognition, IoT wireless networking, and industrial design, CipherLab operates in over 70 countries, with over 90% of its products exported.

Established by visionary engineers, CipherLab aims to enhance business efficiency with advanced technology. As an "enterprise collaborator for the best experience in digitalization," CipherLab enhances efficiency and customer experience with agile services and user-friendly designs. Its mission is to help industries improve efficiency and achieve digital transformation through AIDC technology.

CipherLab's products are widely used in retail, transportation and logistics, manufacturing, warehousing, and healthcare, praised for their performance and user-friendly design. With an innovative, trustworthy, helpful, and friendly culture, CipherLab aims to be a leading brand in the global AIDC industry. The company continues to support businesses worldwide in achieving digital transformation and sustainable development.



Scanners



1000 series



- Contact scanning ensures accurate reads even on poorly printed or dense barcodes
- Reads up to 150 mm wide and 3 mil resolution; supports 30% PCS
- Programmable for data editing, symbology, and interface settings
- OPOS-compliant for seamless POS integration
- 1.0 m / 3.3 ft drop resistance; solid-state reliability and low power use
- Easy setup with CipherLab ScanMaster



1204 / 1264 series



- Compact 2D imager with ergonomic design for corded (1204) and Bluetooth (1264) models
- Reads 1D/2D barcodes on paper or screens, 3-mil (1D) and 5-mil (2D) resolution
- CMOS sensor with white LED delivers fast, accurate scanning
- Hands-free mode with visual/audio indicators and TPU lens guard
- Programmable with ScanMaster for data and symbology setup
- Bluetooth® dual mode connection up to 90 m (1264)



1500 series



- Reads 1D/2D barcodes, including high-density 3-mil 1D and long barcodes
- Up to 520 scans per second for fast, accurate performance
- Bluetooth® connectivity up to 90 m for cordless models
- IP30 rating and 1.5 m drop resistance for durability
- Up to 24 hours of continuous operation per charge
- Buffer and batch modes for offline data collection



1600 series



- Ultra-lightweight and mini-sized
 - Instant pairing with smartphones, PDAs, tablets and any Bluetooth® devices
 - 4 MB on-board memory holds over 240,000 scans*
 - IP42 rating and 1.5 m drop resistance
 - Rechargeable Li-ion battery provides 40 working hours
- * The calculation is based on EAN13 barcode



2500 series



- IP65 rating and 1.8 m / 6 ft. drop resistance
- Up to 578 scans per second
- Reads barcodes up to 3 mil resolution and 15% PCS
- Swappable battery runs up to 75 hours on single charge
- Auto detection of USB, RS232 and keyboard wedge interface
- Enhanced ESD protection up to ±10 kV (contact) and ±20 kV(air)



WR30 series



- Interchangeable wearing options (hand mount/hand mount glove/ring wearing/wrist strip/retractable lanyard)
- Advanced scanning range up to 14 m away
- Instant and perfect pairing with CipherLab Devices (NFC)
- Support Bluetooth V5.3 (BLE, Class 2)
- Quick pairing with Bluetooth-enabled devices
- IP65 rating and 1.8 m drop resistance



2506 series



- IP54 rating and 1.5 m / 5 ft. drop resistance
- Excellent performance on DPM (Direct Part Marking) barcode
- Reads high-density 1D barcode down to 3 mil resolution
- Equipped with a 1.3MP sensor and white light illumination for clear captures
- Supports major 1D and 2D symbologies, including QR, Data Matrix, and Micro QR
- Reliable corded scanner with USB or RS232 interface, ideal for production lines and repair workstations



2565 Parcel Dimensioner



- Handheld and easy to use with no ruler or calibration
- Measures cuboid and irregular-shaped objects
- Fast 3D readings in under 1 second with ±1 cm accuracy
- Patented smart aimer for quick zone detection
- Outputs dimensions, volume, and dimensional weight
- Covers 10–60 cm cubes and up to 90 cm tall items

2200 Series



- Omnidirectional scanning for fast, angle-free decoding
- Reads 1D/2D barcodes down to 3 mil and 25% PCS
- Optional RFID reading (up to 20 cm) and EAS deactivation
- Adjustable stand tilts 40° forward / 15° backward for flexibility
- IP52 rating and 1.5 m / 4.9 ft drop resistance
- Auto-detection of USB, RS-232, and keyboard wedge interfaces
- Easy setup and programming with ScanMaster



Android Mobile Computer



RK96/RK96 Cold Storage series

- Android 15 (GMS), upgradable to Android 18
- Qualcomm Q-6690 Octa-core, 8GB RAM / 128GB flash memory
- Wi-Fi 7, 2x2 MU-MIMO, Bluetooth V6.0
- 38/41/47/53 keypad options
- E-Ink Display support
- Versatile reader options include laser and 2D imager with over 20m reading distance
- IP65, 1.8m/6ft.(2.4m/7.9ft. w/ rubber boot) drop resistance
- 5,500mAh freezer battery ensures up to 5 working hours under -30°C environments
- Heaters embedded in scan window
- Ice-resistant materials to prevent potential damage caused by prolonged operation in low temperature environments



RK95/RK95 Cold Storage

- Android 12 (GMS), Upgradable to Android 14
- Octa-core over 2.2 GHz, 4GB RAM / 64GB Flash
- Versatile reader options include laser and 2D imager with over 20m reading distance
- 1.8m/6ft.(2.4m with rubber boot) drop resistance
- 28/38/41/50/52 keypad options, Terminal Emulation keypads support TN and VT systems
- 5,500mAh freezer battery ensures up to 5 working hours under -30°C environments
- Heaters embedded in touch screen and scan window
- Ice-resistant materials to prevent potential damage caused by prolonged operation in low temperature environments



RK26 series

- Android 12 (GMS), upgradable to Android 14
- Octa-core 2 GHz, 4GB RAM / 64GB Flash
- 2D imager (standard / advanced range), HF RFID, NFC, Bluetooth® 5.1
- 25-key/28-key numeric keypad options
- Replaceable and rechargeable 4000 mAh Li-ion battery
- 1.5 m (1.8 m with rubber boot) drop resistance
- Support OCR and UHF RFID



RS36 series

- Android 12 or 14 (GMS), Upgradeable to Android 14 / 16
- Octa-core 2GHz processor, 4GB RAM / 64GB Flash
- 2D imager (standard / advanced range), HF RFID, NFC, Bluetooth® 5.1
- Hot swap, rechargeable 4000 / 6000 mAh Li-ion battery, up to 18 working hours.
- 1.5 m (1.8 m with rubber boot) drop resistance
- Support OCR and UHF RFID



RS38 series

- Android 13 (GMS), upgradable to Android 18
- Octa-core 2.4 GHz, 8GB RAM / 128GB UFS Flash
- 2D imager (standard / advanced range), HF RFID, NFC, Bluetooth® 5.2
- Hot swap, rechargeable 4500 / 6800 mAh Li-ion battery, up to 21 working hours
- Support workstation cradle for quick conversion to a mobile workstation
- 1.5 m (1.8 m with rubber boot) drop resistance
- Support OCR and UHF RFID



RS38H series

- Android 13 (GMS), upgradable to Android 18
- Octa-core 2.4 GHz, 8GB RAM / 128GB Flash
- 16MP PDAF rear / 8MP front camera
- 2D imager (Standard Range), HF RFID, NFC, Bluetooth® 5.2
- Hot-swappable, rechargeable 4500 mAh Li-Polymer battery with over 14 working hours
- Support workstation cradle for quick conversion to a mobile workstation
- IP65 & IP68, 1.5 m (1.8 m with rubber boot) drop resistance
- Disinfectant-ready housing with a touch panel for gloved and wet input in healthcare
- Support OCR



RFID Readers



RS38 UHF RFID Reader

- UHF RFID Read, Write, Lock and Tag Locating functions
- Max Read Range: up to 20+ meters (65.6+ feet)
- Fastest data read rate: 1300+ tags per second
- High-performance Impinj E710 RFID module, compatible with Global Gen2 v2 standard
- Hot-swappable 3,000 mAh battery
- Easy and stable 8-pin connection with RK38 mobile computers
- IP54 rating and 1.2-meter drop resistance (with RS38)
- Easy configuration and deployment using CipherLab EZConfig and EZEdit



RS36 NUHF RFID Reader

- UHF RFID Read, Write, and Lock functions
- Max Read Range: up to 5 meters (16.4 feet)
- Fastest data read rate: 200+ tags per second
- High-performance Impinj E310 RFID module, compatible with Global Gen2 v2 standard
- Hot-swappable 4,000 mAh battery
- IP54 rating and 1.2-meter drop resistance (with RS36)
- Easy configuration and deployment using CipherLab EZConfig and EZEdit



RK26 UHF RFID Reader

- Performs UHF RFID read, write, lock, and tag locating functions
- Max Read Range: up to 20+ meters (65.6+ feet)
- Fastest data read rate: 1300+ tags/sec
- Supports EPC Class1 Gen2 V2
- Hot-swappable 3,000 mAh battery for continuous field use
- Reliable 8-pin connection with RK26 mobile computer
- IP54 rating and 1.2 m / 3.9 ft drop resistance (with RK26)
- Easy configuration and deployment using CipherLab EZConfig and EZEdit



RS36 UHF RFID Reader

- UHF RFID Read, Write, Lock and Tag Locating functions
- Max Read Range: up to 20+ meters (65.6+ feet)
- Fastest data read rate: 1300+ tags/sec
- Support EPC Class1 Gen2 V2
- Hot-swappable 3,000 mAh battery
- Easy and stable 8-pin connection with RS36 mobile computers
- IP54 rating and 1.2-meter (3.9 feet) drop resistance (with RS36)
- Easy configuration and deployment using CipherLab EZConfig and EZEdit

PERFORMANCE

EFFICIENCY

ACCURACY

cOS Terminals



8200 series



- Lightweight, compact design with ergonomic grip
- IP54 rating and 1.2 m / 4 ft. drop resistance
- Reader options: linear imager, laser, or 2D imager
- Bluetooth® and IEEE 802.11 b/g wireless connectivity
- Up to 124 hours of operation in batch mode
- Micro SD / SDHC slot for flexible data expansion

8600 series



- IP65 rating, 1.8 m drop, and 1,000 tumbles at 1 m
- Swappable 29- or 39-key keypad options
- Reader options: linear imager, laser, 2D imager, or optional RFID
- Modular charging and communication cradle system
- Bluetooth® 4.0 and IEEE 802.11 b/g/n connectivity
- Forge Application Generator for easy deployment

8300 series

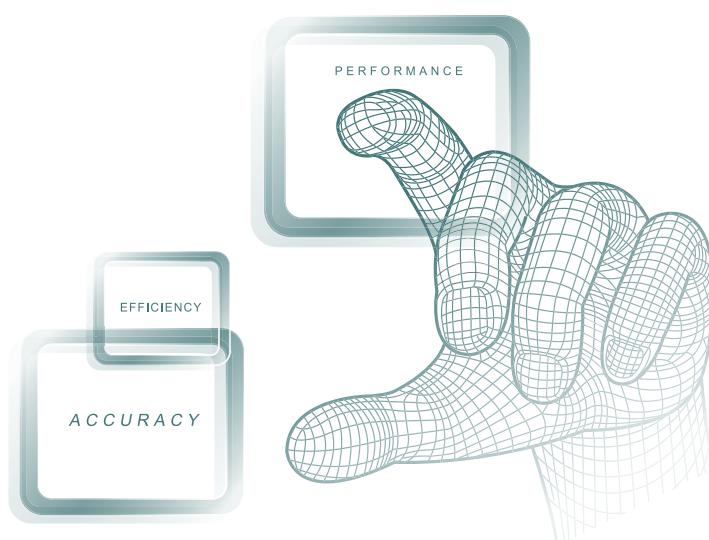


- IP65 rating and 1.2 m / 4 ft drop resistance
- Up to 270 hours operation in batch mode
- Reader options: linear imager, laser, long-range laser, or HF RFID
- 24-key numeric or 39-key alphanumeric keypad choices
- Bluetooth®, 802.11 b/g, and batch communication modes
- Forge Application Generator for easy deployment

8000 series



- Pocked-sized and lightweight
- 1.2 m / 4 ft. drop resistance
- Reader options: linear imager or laser
- Bluetooth® wireless support (on selected models)
- 100 hours runtime in batch mode
- Choice of AAA batteries (disposable) or rechargeable Li-ion battery (model 8001)



Software

CipherLab Application Development software streamlines device customization and deployment. It includes terminal emulators, programming tools for AIDC solutions, device management for efficient fleet maintenance, and scanner software for quick configuration.

CipherLab

Device Management



ReMoCloud is a web-based MDM solution designed for managing CipherLab Android devices. Integrated with Google Zero-touch enrollment, it enables fast deployment, real-time device tracking, and centralized control of apps, settings, and updates.



ReMoCloud Express is a cloud-native MDM platform designed for fast, scalable Android and IoT device management. It offers broader device compatibility, offline geofencing, 100,000+ high-volume deployments, and multi-user remote access.



EnDeCloud is a mobility management solution enabling enterprises to securely manage CipherLab devices via Intranet. It handles device tracking, app and content management, and secures devices and data.



CipherLab Android Deployment Configurator (ADC) is a windows-based project configuration tool, helping system administrator or integrators to devise various configuration projects for CipherLab Android-based mobile computers.



CipherLab Wireless Mobile Deployment System (WMDS) for Android is a windows-based server program that can deploy the configuration settings created by Android Deployment Configurator to Android-based devices through wireless network. With the aim of optimizing the process of larger-scaled device deployment task, WMDS can deploy multiple Android mobile computers simultaneously within one task as well as monitor all the devices' status.

Operation Tools



CipherLab Enterprise Browser, SAP-certified and on the SAP Store, streamlines workflows by seamlessly integrating with SAP Fiori, ITSMobile, and BTP applications. It enhances efficiency in warehousing and manufacturing with automated scanning and enterprise-grade security.



Terminal Emulator supports high-performance Android mobile devices using TN5250, TN3270, and VT100/102/220/ANSI protocols. Designed for industries relying on terminal emulation, it allows mobile computers to function as terminal emulators and communicate with compatible hosts.



CipherLab Home and **AppLock** let administrators control executable files and restrict access to essential settings and apps, keeping workers focused on their tasks.



Signature Capture turns your device into a signature pad, supporting handwriting or stylus input. It works in both screen orientations and saves signatures in formats like .jpg, .png, .bmp, and .pdf.

Management Tools



Reader Config is a utility to manage the barcode reader integrated on the mobile computer. It configures the scan engine built inside and creates a profile of settings such as scanner preferences, data output format and destination, symbology settings, and barcode reading.



CipherLab ScanMaster enables easy scanner configuration, format editing, and symbology setup. Settings can be saved and printed as barcodes, allowing others to configure their scanners instantly by scanning them.

Analytics Report



CipherLab Agility Intelligence Service works with ReMoCloud to provide analytics and reports for enrolled devices, supporting CipherLab Android versions from 7 to 15, GMS-certified mobile computers.

Third Party



Workspace ONE UEM



Reduce Total Cost of Ownership

The units under CipherLab's service program are serviced and returned under a rapid timetable which gives you a reliable way of eliminating owntime and failure expenses. You benefit more than just instant gratification, but also reducing cost of maintenances and replacements in the long run.

CipherLab Service Advantage™		Standard	Extended	Essential	Premium
Contract Length		1 Year	2, 3 and 4 years	3 and 5 years	3 and 5 years
General Coverage	Warranty Repair	V	V	V	V
	Normal Wear and Tear	-	-	V	V
	Accidental Damage	-	-	V	V
	All Material Parts and Labor	-	-	V	V
	Device Diagnostic Tool ¹	V	V	V	V
Software Updates	Android Updates / Patches	V	V	V	V
	Android Version Upgrade	Optional	Optional	Optional	Optional
	CipherLab ReMoCloud™	Optional	Optional	Optional	Optional
	Zero-touch Enrollment	-	-	V	V
	Standard Device Commissioning	Optional	Optional	V	V
Turnaround Time and Shipping	Repair Turnaround Time	7 business days after received by service center	5 business days after received by service center	3 business days after received by service center	2 business days after received by service center
	Receiving ²	-	-	-	V
	Shipment				
	Return	V	V	V	V
Add-on Services	Worry-Free Same Problem after Repair within 90 Days	V	V	V	V
	Battery Insurance ³	-	-	Optional	Optional
	Replacement Device	-	-	-	Optional
	Spare Pool Service	-	-	-	Optional
	Total Loss Insurance ⁴	-	-	-	Optional
Technical Support		V	V	V	V

1. The Device Diagnostic Tool is available for RS36, RS38, RK26 and RK95.
2. Exclude AU and NZ.
3. The freight charges will depend on the battery plan you choose. Import/export tariffs and other related additional costs will be borne by the customer.
4. Total Loss Insurance is available only for RS36, RS38, RK26, RK95 and RK96 and currently applies to Europe, Australia, and New Zealand. Please refer to the contract terms for full details.
5. The rights of explanation for the terms regarding the defects and repairs shall be reserved by CipherLab.
6. Service availability may vary by country. Please contact your CipherLab representative for a list of CipherLab mobile computers eligible for CipherLab Service Advantage.
7. When it is in need of repair, please log in CipherLab RMA System, <http://e-rma.cipherlab.com.tw>, and fill in an RMA request form.
8. Accessories are provided with an extended warranty of 3 months.

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