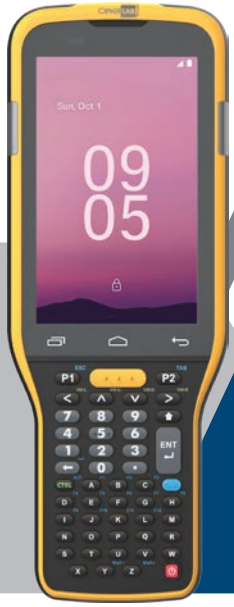
CIPHERLAB
Smarter



RK95
series

android enterprise recommended



CipherLab RK95 Industrial Mobile Computer is an industrial mobile computer that has been certified by Google as Android Enterprise Recommended (AER). This powerful handheld terminal transforms data collection in warehouses, allowing for faster, farther, and more accurate scanning, which leads to increased productivity. The RK95 comes with multiple keypad options and a 4.3" multi-touch panel with versatile reader options. It is capable of extended-range scanning, making it ideal for high-demand warehouses and distribution centers that are driven by e-commerce growth.



Superior Performance with Advanced Certified Mobile Computer Platform

The RK95 is certified by Google's GMS and AER programs to ensure that applications operate smoothly with elevated standards. This means you can get the security updates required to keep your CipherLab Android mobile devices secure while in use with regular quarterly security updates are guaranteed for five years after its launch. Its RK95's intuitive interface allows your staff to need less training and access the most up-to-date Android applications. Zero-touch enrollment with AER also makes large-scale Android deployment across multiple devices simple.



Reliable Transmission Increases Workforce Productivity

The RK95's reliable transmissions include IEEE802.11 a/b/g/n/ac of dual band and 2x2 MIMO technology. With 2x2 MIMO, the RK95 offers superior Wi-Fi coverage and high-speed data throughput that keeps multiple workers connected simultaneously. With the ability to fast roaming in 1 seconds and reconnect in 7 seconds, the RK95 can handle big data transmission without disturbances. Workers can enjoy a more reliable wireless network regardless of location without interferences.

Durable Designs that Outlast a Full Shift

The CipherLab RK95's IP65 rating, 1.8 m drop resistance, and 1,000 tumbles at 1 m contribute to productivity by providing accidental drops. Workers can feel secure at work knowing that RK95's Corning Gorilla Glass improves damage resistance and toughness against chips and scratches. The quality-printed keypad also passed a one-million-press durability test. The RK95 can even extend its productivity to cold storage or freezers while preventing device condensation. Along with all of that durability, workers can work for more than 8 hours with the hot-swappable 3,000 mAh or 6,000 mAh battery, or more than 5 hours with the freezer battery.





Reliable Operation in the Challenging Environment down to -30°C

Built with ice-resistant materials, the RK95 provides reliable performance and prolonged operation in low-temperature environments. Its unique heater design is embedded in the touch screen and scan window, ensuring fog-free display and frost-free scanning while users move between extreme temperatures.

Resourceful Data Capture for Versatile Demanding Applications

CipherLab RK95's versatile reader options, laser, 2D imager, mid-range 2D imager and extended-range 2D imager, give you long distance barcode reading capabilities from 3.6 cm to over 29 meters.* Additionally, it has LED indicator on both sides to show good or bad scanning in noisy warehouse environments. Workers can also capture detailed photos for records of the cargo conditions and the verification process with its optional 13 MP camera. RK95's NFC ability, available on request, helps to read NFC smart tags or emulate contactless cards for access control.

*SE5800 scan engine





Easy Data Collection with Modernized Terminal Emulation and Physical Keypads

CipherLab RK95 provides a variety of physical keypad options, including 28/38/41-key and 50/52-key alphanumeric with CipherLab Terminal Emulation compatible with VT and TN systems. Additionally, the RK95's touch base operation can also support Android intuitive and interactive applications. Maximize simplicity with your choice of keypads or touch input for Terminal Emulation/Android Apps now or in the future. The RK95 features a 4.3-inch WVGA display that improves readability and touch sensitivity, allowing users to interact with the screen even when it's wet or when wearing gloves.

Elaborate Utilities and Software Solutions

CipherLab's RK95 supports more than just 3rd party software.
It also supports CipherLab self-developed software utilities to boost your operation.

- With CipherLab ReMoCloud™, certified by Google EMM (Enterprise Mobility Management), provides solution to manage CipherLab's Android devices via internet anytime and anyplace. Supported by Google Zero-touch enrollment, ReMoCloud™ allows administrators to track, monitor and manage applications from a central administrated area.

- CipherLab Terminal Emulation supports systems of VT, TN3270 and TN5250 with full screen operation for efficient inventory management. With intuitive user interface, Wi-Fi status, battery capacity and custom font size/color, your business will undoubtedly save time and energy. Additionally, the Button Assignment which allows function key configuration will speed up the work process.

RK95 series

2x2 MU-MIMO technology

allows for simultaneous communication with multiple devices , fast roaming , and data transfer.



Visible LED Indicators

Easy to verify scanning result status and wireless connection while using in noisy working environments.

4.3" touch display ensures readability.

Large and durable trigger key for improved press accuracy.



Optional 13MP Camera

Designed with a specific angle to prevent hand obstruction when holding a pistol or taking photos.

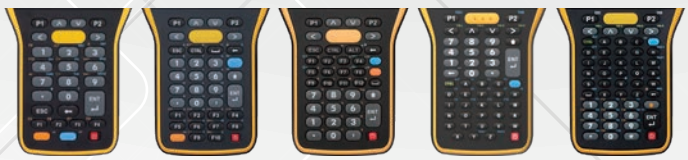
Easy-to-use Hand Strap

Easy to attach and detach, simplify carrying while in use.

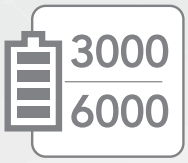


28/38/41/50/52 keypad options

Versatile options for different applications. Terminal Emulation keypads support TN and VT systems.



28-key 38-key 41-key 50-key 52-key



Two battery options with hot-swappable and easy-removable features allow one-hand operation.

Versatile Reader Options

One device for barcode scanning, from 3.6 cm to over 29 m, for low or high-shelf barcodes.



Min. 395

Lightweight and pistol-shaped designs ensure all-day comfort.

Frost-free in Transit between Zones of Extreme Temperatures



Embedded Heater

in touch screen and scan window to ensure fog-free display and frost-free scanning.

Defrost



Temperature Sensor and Heater Control Software

- Flexibility to detect temperature and to turn on/off the heater by automatic/manual mode.
- Freezer 5,500 mAh battery optimized for low temperature environment, min. 5 working hours at -30°C.

RK95 series

Performance	Operating System	Android 9 (GMS and AER certified), upgradable to Android 14
	CPU	Octa-core over 2.2 GHz
	Memory	64GB FLASH / 4GB RAM
	Expansion	Micro SD Slot With SDHC (up to 32 GB) and SDXC (up to 2TB) Support
	Operating Power	Standard: Rechargeable 3.7V, 3000 mAh / 6000 mAh Li-ion Battery Cold Storage: Rechargeable 3.7V, 5500 mAh Li-ion Battery
	Working Hours[2]	Standard: Min. 8 working hours (3000 mAh), Min. 12 working hours (6000 mAh) Cold Storage: Min. 5 working hours at -30°C
	Alert	LED indicatores for RF, charging status, scanning status (2 circular LED at front and 2 rectangle LED at sides) / Vibrator / Speaker
	Interface Supported	USB 2.0 with OTG
Wireless Communication	WLAN	IEEE 802.11 a / b / g / n / ac / e / d / h / i / r / k / v / w , IPv4, IPv6, 2x2 MU-MIMO
	WLAN security	WEP, WPA (PSK, TKIP), WPA2 (AES, PSK), WPA-1X (TKIP,EAP-TLS, PEAP), WPA2-1X (AES, EAP-TLS, PEAP) , 802.1x (EAP-TLS, PEAP) AES-CCMP, WPI-SMS4, WPS2.0, WAPI, EAP-TTLS (PAP, MSCHAP, MSCHAPv2), PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP, EAP-PWD
	WPAN	Class 2 Bluetooth® v5.0 with BR / EDR and Low Energy (BLE) Support
	Bluetooth® profile	GAP, SDAP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP
Data Capture	Barcode Scanning	1D Laser (SE965)/2D Imager (SE4750SR/SE4750MR; Extended-Range SE4850/SE5800)
	Camera (Optional)	Autofocus 13 Megapixels with LED flash
	NFC[1]	Supports ISO14443A, ISO14443B, ISO15693, Felica (Peer-to-Peer, Card Reader, Card Emulation)
Physical Characteristics	Display	4.3" WVGA color display, Capacity Touch supports bare / wet / gloved finger and stylus inputs, Corning Gorilla Glass
	Interactive Sensor Technology	Light sensor, Proximity sensor, Motion sensor, E-compass, Gyroscope, Temperature sensor for Cold Storage
	Keypad	28-Key Numeric, 38-Key/41-Key Numeric/Function Keypads, 50-Key/52-Key Alphanumeric Keypads, Terminal Emulation keypads (TN5250, TN3270 and VT) ,with LED backlight
	Voice and Audio	PTT voice ; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth® headset
	Size (LxWxH)	216 mm x 80 mm x 30 mm
	Weight	Standard: 400 g (3000 mAh) / 445 g (6000 mAh), with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager/ 520 g, with Extended-Range 2D imager
User Environment	Operating temperature	Standard: -20°C to 50°C / -4°F to 122°F Cold Storage: -30°C to 50°C /-22°F to 122°F
	Storage Temperature	-30°C to 70°C / -22°F to 158°F
	Humidity (Non-Condensed)	Operating 5% to 95% / Storage 5% to 95%
	Impact Resistance	IP65 / 1000 (1 m) Tumbles Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C
	Electrostatic Discharge	± 15 kV Air Discharge, ± 8 kV Contact Discharge
	Regulatory Compliance	FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WEEE / RoHS / REACH / Erp / BISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)
Development Support		CipherLab API and Android 9 / 12 Standard API
Application Software		Reader Config, Terminal Emulation, Button Assignment, Device Health Dashboard, LogGen, AppLock, BT Printer Mate, A-Demo, Signature Capture, Configuration, Ping Tool, Software Trigger key, Enterprise Settings, SIP Controller, BarcodeToSetting, EZConfig, Ezedit, OCR
Certified Application		SOTI MobiControl, AirWatch, Ivanti, ReMoCloud, EnDeCloud
Accessories		Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, 20-slot Battery Charger Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Holster for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle[1], Vehicle Cradle[1]
Warranty		1 year

1. Please contact us for availability.
2. Minimum 8 hours. 2D imager scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, Bluetooth® off / IEEE 802.11 a / b / g / n / ac on. The test is based on one broadcasting packet per second.

ACCESSORIES


Charging and Communication Cradle


Snap-on Cable (USB)


Rubber Boot


Hand Strap


Pistol Grip


4-slot Battery Charger


Multi-slot Charging Cradle with Battery Charger


20-slot Battery Charger

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▲VIDEO ▲WEBSITE

This column contains the contact details of our channel partner. In case of any discrepancies in the brochure content, the information on the official CipherLab website shall prevail.

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