



RK95

series



Android Operation Brings the Next Generation of Productivity and Efficiency

Visible LED indicators represent scanning result status, wireless connection, charging level and more.

4.3" touch display ensures readability and future adoption of touch-based applications.



29/36/52 keypad options. Terminal Emulation keypads support TN and VT systems.



Optional 13 MP camera embedded with specific angle to prevent it from being blocked by user's hand while gripping pistol or taking photos.

IP65



2x2 MU-MIMO technology with increased data capacity and transmission speed.

Versatile reader options of laser, 2D imager, mid-range 2D imager, and extended-range 2D imager fulfill different user demands in reading distance.



Maximum long distance barcode reading over 21 meters

In-house curved shape makes it easy to grip.



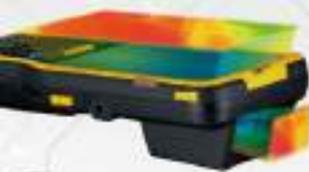
Lightweight and pistol designs to guarantee all-day comfortability.



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



Operation temperature down to -30°C



✓ Comes with temperature sensor and heater control software allows user to automatically turn on/off heater based on surrounding environment. For example, set to turn on heater under -10°C and turn off above 20°C.

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

✓ Ice-resistant materials built into the product itself to prevent potential damage caused by prolonged operation in low temperature environments.

✓ Freezer 5,500 mAh battery optimized for low temperature environment, min. 5 working hours at -30°C.



CipherLab's RK95, the next generation of the 9700, brings the productivity and efficiency to the next level. Its advanced mobile computing platform and superior wireless options extend performance in the warehouse environment. With the latest Android operating system, the RK95 has fulfilled larger data collection with multiple keypad options and intensive scanning usage with versatile reader options. It not only fulfills traditional users' legacy warehouse applications but also new applications from indoors to outdoors.

Accurate and Upgraded Features with Google Certification

CipherLab RK95 is a powerful handheld terminal that steps up the data collection game in the warehouse environment. Data processing is made foolproof with a powerful processor. Modernized barcode status and physical keypad options make data collection easy for legacy and new users. Along with Google certification, the RK95 is a powerful handheld term for the warehouse, warehouse productivity and daily operations. Superior Wi-Fi coverage helps in applications connected to the cloud. The RK95 supports new applications from indoors to out. Its powerful and adaptable mobile computing platform operates with higher bar codes and energy. Its durable design and rugged construction, the RK95 is made of treatment that is smart and cost-effective for your business.



Superior Performance with Advanced Certified Mobile Computer Platform

CipherLab RK95 is powered by the octa-core 2.2 GHz processor with 4 GB RAM/64GB flash memory. Your staff can process the data in an instant without any interruptions. Moreover, its latest Android 10 operating system is upgradeable to one later version. The RK95's intuitive interface allows your staff to have less training and access the most up-to-date Android applications. It is also certified by Google's OMS and AER programs to ensure applications operate seamlessly with elevated standards. Regular quarterly security updates are guaranteed for five years after its launch. Zero-touch enrollment with AER makes large scale Android deployment across multiple devices simple.

Reliable Transmission Increases Workforce Productivity

The RK95's reliable transmission includes IEEE802.11 a/b/g/n/ac dual band and NIMD 2x2 technology. With MIMO 2x2, 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 second and retransmit in 7 seconds, the RK95 can handle large data transmission without disturbances. Workers can enjoy a more reliable wireless network regardless of location without interruptions. The expandability of the optional 4G/LTE connectivity provides workers with real-time enhanced usage outside the four walls for warehouse storage, asset management and vehicle logistic operations. It also allows workers to upload and download data with location base applications such as proof of delivery and optimal route planning.

Durable Designs that Outlast a Full Shift

The CipherLab RK95's IP66 rating, 1.8 m drop resistance and 1,000 bumps at 1 m high support productivity with full protection from water, dust and accidental drops. Workers can feel secured when they work, knowing RK95's Corning Gorilla Glass improves damage resistance and toughness against chips and scratches. The keypad, with quality printing, also passed a durability test of 1 million presses. The RK95 can even be used to productivity into the cold storage or freezer and prevent device condensation. Along with all that durability, workers can operate for more than 8 working hours with the hot-swappable 3,000 mAh or 5,000 mAh battery and more than 8 working hours with faster battery.



Resourceful Data Capture

CipherLab RK95's versatile reader options, laser 2D image mid-range 2D image and extended-range 2D image, give you long data for barcode reading capabilities from 1.5 cm to over 21.3 meters. The RK95 has the same great modularity of the 9700 series for easy field replacement and on-site services. Additionally, it has the new LED indicator for good or bad scanning. Workers can also capture data (ed 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.

Easy Data Collection with Modernized Terminal Emulation and Physical Keypads

CipherLab RK95 provides a 38-key numeric and QWERTY alphanumeric physical keypad option with CipherLab Terminal Emulation compatible with VT and TTY users. 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's 4.5-inch WVGA display also increases the readability and viewing area for your staff. It provides the best in-class indoor/outdoor usability and data input flexibility. Users can interact with the screen, regardless of the display is wet, with a finger, gloves or a stylus.



Elaborate Utilities and Software Solutions

- CipherLab RK95 supports more than just 3rd party software. It also supports CipherLab self-developed software utilities to boost your operation.
- With **CipherLab RulerCloud**, certified by Google EMM (Enterprise Mobility Management), provides solution to manage CipherLab's Android devices via internet anytime and anywhere. Supported by Google Zero-touch enrollment, RulerCloud allows administrators to track, monitor and manage appliances from a central administrative area.
- CipherLab Terminal Emulation** supports systems of VT, T31270 and TMS200 with full screen operation for efficient inventory management. With intuitive user interface, Wi-Fi status, battery capacity and custom font size/size, your business will undoubtedly save time and energy. Additionally, the **Button Assignment** which allows function key configuration will speed up the work process.
- CipherLab ADC (Android Device Configuration)** makes customized configuration and project setting easy for administrators. These configs for utilities can perform seamless updates over USB connection or **WMS (Wireless Mobile Deployment System)**. Through **Barcode Settings**, you could even facilitate mobile settings by scanning 1D/2D barcode.

RK95 series



Performance	Operating System	Android 9 (GMS, AER certified with one later version upgradeable capability)
	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
	SIM/SAM ¹	1 SIM with dust cover
	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 indicators for RF, charging status, scanning status (2 circular LED at front and 2 rectangle LED at sides) / Vibrator / Speaker
Wireless Communication	Interface Supported	USB 2.0 with OTG
	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)
	WPAN	AES-CCMP, WPI-SMS4, WPS2.0, WAPI, EAP-TTLS (PAP, MSCHAP, MSCHAPv2), PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP, EAP-PWD
	Bluetooth [®] profile	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 (2G) GSM: 850 / 900 / 1800 / 1900 (3G) UMTS / HSPA / HSPA+: B1, B2, B4, B5, B6, B8, B19 (4G) FDD LTE: B1(2100), B2(1900), Band3(1800), B4(1700), B5(850), B7(2600), B8(900), B12(700), B13(700), B17(700), B19(800), B20(800), B25(1900), B26(850), B28, B66 (4G) TDD-LTE: Band38, Band39, Band40, Band41(2545MHz~2655MHz)
	GPS (For WWAN only)	GPS, AGPS, GLONASS, BeiDou, Galileo
Data Capture	Barcode Scanning	Standard: Laser / 2D Imager/ Mid-Range 2D Imager / Extended-Range 2D imager Cold Storage: 2D Imager/ Mid-Range 2D Imager / Extended-Range 2D imager
	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	38-Key Numeric/Function keypads (29-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 / B15WPC / IC / NiCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)
Development Support	CipherLab API and Android 9 Standard API	
Application Software	CipherLab: ReMoCloud [®] , Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, iVanti Velocity Terminal Emulation & Browser, AirWatch, Kalipso	
Accessories	Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, 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.

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