

Android Operation Brings the Next Generation of Productivity and Efficiency

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

Along with Google certification, the RK95 is a powerful handheld terminal that enhances workforce productivity and daily operations. Superior Wi-Fi coverage keeps multiple workers connected simultaneously.

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. Moreover, its latest Android 9.0 operating system is upgradeable to one later version. It is also certified by Google's GMS and AER programs to ensure applications operate smoothly with elevated standards. Regular quarterly security updates are guaranteed for five years after its launch.

Reliable Transmission Increases Workforce Productivity

The RK95's reliable transmissions include IEEE802.11 a/b/g/n/ac of dual band and MIMO 2x2 technology. With MIMO 2x2, the RK95 offers superior Wi-Fi coverage and high-speed data throughput that keeps multiple workers connected simultaneously.

Durable Designs that Outlast a Full Shift

The CipherLab RK95's IP65 rating, 5.90 ft (1.8 m) drop resistance and 1,000 tumbles at 3.28 ft (1 m) help support productivity with full protection from water, dust and accidental drops. The RK95 can even extend its productivity into the cold storage or freezers and prevent device condensation.



Resourceful Data Capture

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 3.0 in (7.6 cm) to over 84 in (21.4 meters). Additionally, it has the new LED indicator for good or bad scanning.

Data Collection with Modernized Terminal Emulation and Physical Keypads

CipherLab RK95 provides a 38-key numeric and 52-key alphanumeric physical keypad option with CipherLab Terminal Emulation compatible with VT and TN systems.

Operation Temperature Down to -22°F

The RK95 can even extend its productivity into the cold storage or freezers and prevent device condensation. It comes with temperature sensor and heater control software that allows user to automatically turn on/off heater based on surrounding environment. Heaters are embedded in touch screen and scan window to ensure fog-free display and frost-free scanning.

RK95 series



	Model	Standard	Cold Storage	
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 (Available on request)	1 SIM with dust cover		
	Operating Power	Rechargeable 3.7V, 3000 mAh / 6000 mAh Li-ion Battery	Rechargeable 3.7V 5500 mAh Li-ion Battery	
	Working Hours ¹	Min. 8 working hours (3000 mAh), Min. 12 working hours (6000 mAh)	Min. 5 working hours at -22°F (-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) 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		
Data Capture	Bluetooth® Profile	GAP, SDAP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP		
	Barcode Scanning	Laser / 2D Imager/ Mid-Range 2D Imager / Extended-Range 2D imager	2D Imager/ Mid-Range 2D Imager / Extended-Range 2D imager	
	Camera (Optional)	Autofocus 13 Megapixels with LED flash		
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 Numeric/Function keypads(28-key is available on request) 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)	8.5 in. x 3.1 in. x 1.2 in. (216 mm x 80 mm x 30 mm)		
User Environment	Weight	14 oz. (400 g) (3000 mAh) / 16 oz. (445 g) (6000 mAh), with 2D imager 15 oz. (435 g) (3000 mAh) / 17 oz. (480 g) (6000 mAh), with Extended-Range 2D imager	17 oz. (485 g), with 2D imager/ 18 oz. (520 g), with Extended-Range 2D imager	
	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/3.3 ft.) Tumbles 5.9 ft. (1.8 m) / 7.9 ft. (2.4 m) with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature	IP65 / 1000 (1 m/3.3 ft.) Tumbles 4.9 ft. (1.5 m) multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -22°F (-30°C)	
	Electrostatic Discharge	± 15 kV Air Discharge, ± 8 kV Contact Discharge		
Development Support	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)		
		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 Emulator & 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, Available on request: 5-slot Terminal Ethernet Cradle, Vehicle Cradle			
Warranty	1 year			

1. Minimum 8 hours. 2D imager scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 77°F (25°C), Bluetooth® off / IEEE 802.11 a/b/g/n/ac on. The test is based on one broadcasting packet per second.

ACCESSORIES



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