



RK95: Rugged mobile logistic and warehouse terminal, X 2D imager, WIFI, GMS, IP65, 38 keys, USB

The handheld computer RK95 is the successor of the Cipherlab 9700. The data processing is based on a 2.2 GHz octa-core processor. The application can use 4 GB of RAM and 64 GB of flash memory. Users can choose between a numeric (38-key) or alphanumeric (52-key) keypad. Hot-swap feature enables the discharged battery replacement during the work. The device has Android Enterprise Recommended (AER) certification.

The CipherLab RK95 is a device with Android operating system characterized by its robust design and simple data acquisition. A large 4.3-inch display can be operated according to the manufacturer with a finger, a glove and a pen. Even wetness is no problem.



Barcodes can be read with the handheld at distances from 7.6 cm up to 21.4 m (the 2X model), according to Cipherlab. On request, it can also be equipped with an NFC reading function. The device is resistant to water and dust and offers a high fall protection, according to the manufacturer. Special batteries could also be used at low temperatures down to -30 ° C. The keyboard should remain free of ice for up to seven hours under such conditions. If necessary, a temperature sensor in the unit controls the integrated heating.

Moreover, the RK95 comes with a hot-swap feature that the low battery can be simply replaced with a fully charged one even without leaving your current applications.

High security standards thanks to the Google certification

The CipherLab RK95 is certified for Google's GMS and it has also [Android Enterprise Recommended \(AER\) certification](#). This gives high safety standards to a user. The manufacturer also guarantees 90-day safety updates over the first five years after purchase.



Technical Description

Functionality & Operation	
Expansion slot	Micro SD Card (SDXC) 32 GB, SDXC 2TB
Wireless communication	Bluetooth®, WiFi
Communication interface	Audio, Bluetooth 5.0 BR/EDR & BLE, 802.11 a/b/g/n/ac/d/h/i/r/k/v/w dual band, USB
Keyboard	38 keys, numeric
Audio	built-in microphone and speaker , PTT voice, Bluetooth headset
Indicators	4x LED, vibrator, speaker
WLAN Features	IEEE 802.11 a/b/g/n/ac/e/d/h/i/r/k/v/w
WPAN Features	Bluetooth® Class 2 v5.0 BR/EDR, BLE
Display type	4,3" WVGA color display, Corning Gorilla Glass
Touch-screen panel	capacitive multi-touch
1D Barcode Symbolologies	All standard one-dimension barcodes
Operating system	Android 9.0, Android Enterprise Recommended (AER)
CPU Type	Octa-core over 2.2 GHz
Memory	64GB Flash, 4GB RAM
2D Code Symbolologies	all standard 2D-Codes
Bluetooth profiles	GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP
Optical	
Camera	none
Depth of scan field	30 cm ~ 1500 cm
Bar code scanner	Advanced Long 2D Imager
Sensors	light sensor, proximity sensor, e-compass, gyroscope , motion sensor
Electrical	
Main battery pack operating time	8hr
Main battery pack	Rechargeable Li-Ion battery 3000 mAh, 3.7V
Mechanical	
Weight	435g
Body housing	ABS plastic with rubber
Dimensions	Width: 80mm, Height: 216mm Length: 30mm
Environment	
Storage temperature	-30 to 70°C
Operating temperature	-20 to 50°C
Storage humidity (non-condensing)	5 to 95%
Electrical static discharge	±15kV air, ±8kV contact
Shock resistance	1000 tumbles at 1 m, multiply drops from 1,8 m onto concrete surface
Ingress protection	IP65
Others	
Warranty	1 year

Certifications	FCC, BC, SRRC, CCC, NCC, BSMI, CE, WEEE, RoHS, REACH, ErP, BIS, WPC, AER (Android Enterprise Recommended) , CA65
Application software	Third Parti: SOTI MobiControl, Xamarin Binding, iVanti Velocity Terminal Emulator and Browser, AirWatch, Kalipso
Development tools	CipherLab API, Android 9 Standard API
Application software	CipherLab: ReMoCloud®, Wireless Mobile Deployment System(WMDS), Android Device Conguration(ADC), BarcodeToSetting, App-Lock,Button Assignment, Reader Conguration, Signature Capture, Airlock Browser, Mirror Terminal Emulator, Software trigger

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