RK95: Rugged mobile logistic and warehouse terminal, long 2D imager, WIFI, GMS, IP65, 52 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.


1D CODE
2D CODE
BAT
TOUCH
USB
ALFANUM
MICRO-SDHC
ANDROID
2D IMAGER
READER
TFLAT
SCR-TFLAT
TFT
SCR-TFT
HD
SCR-HD
BT
WIFI

Technical Description

Functionality & Operation	
Expansion slot	Micro SD Card (SDXC) 32 GB, SDXC 2TB
Communication interface	Audio, 802.11 a/b/g/n/ac/d/h/i/r/k/v/w dual band, Bluetooth 5.0 BR/EDR & BLE, keyboard, OTG, USB
Wireless communication	WiFi, Bluetooth®
Keyboard	52 keys, alphanumeric, with backlight
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 Symbologies	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 Symbologies	all standard 2D-Codes
Bluetooth profiles	GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP
Optical	
Camera	none
Bar code scanner	Long 2D Imager
Depth of scan field	8 cm ~ 425 cm
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	395g
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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