



## RK95: Rugged mobile logistic and warehouse terminal, Laser, 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         |                                                                                                                     |
| Audio                             | built-in microphone and speaker , PTT voice, Bluetooth headset                                                      |
| Expansion slot                    | SIM card                                                                                                            |
| Wireless communication            | LTE, NFC, WiFi, Bluetooth®                                                                                          |
| 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                                                                                              |
| Communication interface           | 802.11 a/b/g/n/ac/d/h/i/r/k/v/w dual band, Bluetooth 5.0 BR/EDR & BLE, WLAN (WiFi), WWAN, OTG, keyboard, Audio, USB |
| 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                                                                                                 |
| Expansion slot                    | Micro SD Card (SDXC) 32 GB, SDXC 2TB                                                                                |
| 2D Code Symbolologies             | all standard 2D-Codes                                                                                               |
| Bluetooth profiles                | GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP                                              |
| Optical                           |                                                                                                                     |
| Bar code scanner                  | Laser                                                                                                               |
| Camera                            | 13 MPix, with LED flash                                                                                             |
| 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                        |                                                                                                                     |
| 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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