



## 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.



# Technical Description

| Functionality & Operation         |                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| Wireless communication            | Bluetooth®, WiFi                                                                                 |
| Keyboard                          | 52 keys, alphanumeric, with backlight                                                            |
| 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 |
| Expansion slot                    | Micro SD Card (SDHC) 32 GB, SDXC 2TB                                                             |
| 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               | 8 cm ~ 425 cm                                                                                    |
| Bar code scanner                  | 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                            | 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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