



## RS35: Enterprise Smartphone, 2D imager, 3GB RAM, GMS, LTE, Android 10, USB kit

CipherLab's RS35 is the device that brings enterprise-class features through a pocketable consumer-style smartphone with rugged designs and provides your enterprise and staff a better solution for daily tasks with efficiency. It streamlines workflow seamlessly with integrated scanning, Hotswap (battery replacement during run), powerful processing, intuitive touchscreen, and robust connectivity.

The RS35 also provides seamless in-store communication with one of the most reliable Wi-Fi transmission on the market. On top of that, fast roaming and GPS/AGPS allow for accurate navigation and route planning which can fully optimize the customer's experience. The RS35 takes great pride in its user-centric design. It makes the users feel familiar with the device and shorten the learning process. Its 5.5" large screen also makes viewing information much easier and comfortable. With its versatile features, the RS35 gives businesses competitive advantages that help the mobile workforce get more work done in less time.



CipherLab RS35's versatile reader options include 1D and 2D barcode scanning, HF RFID capabilities and contactless NFC application. Supported with agile reading, the RS35's performance can read barcodes even in poor conditions. Moreover, the RS35 comes with a <a href="https://hot-swap feature">hot-swap feature</a> that the low battery can be simply replaced with a fully charged one even without leaving your current applications. It is equipped with Android 10, Google Mobile Service (GMS) and the seal of <a href="https://hot-swap.ndc.nd/">Android Enterprise Recommended (AER)</a> which gives you full enjoyment of Google applications and consistent user experiences.

## Main features of the CipherLab RS35 Enterprise Smartphone

- rugged design with IP67
- strong wireless connectivity: dual WiFi & Bluetooth & LTE & GPS
- 2D & QR code scanner, HF RFID & NFC reader
- hot-swap feature for battery replacement
- Android 10 and AER (Android Enterprise Recommended) certification













































## **Technical Description Functionality & Operation** 3GB RAM Program memory Data memory 32GB Flash 1D Barcode Symbologies All standard one-dimension barcodes Programmable features Android 10.0 SDK, reader API, SAM API, HTML 5 API all standard 2D-Codes 2D Code Symbologies Operating system Android 10 **CPU Type** Octa-core 1.8GHz Expansion slot Micro SD card slot with SDHC (up to 32GB) and SDXC (up to 2TB) support, 2 SIM slots and 1 SAM slot Indicators 1 tri-color LED, 1 bi-color LED, vibrator Communication interface 6-pin I/O & USB 2.0 Type-C with OTG Wireless communication Bluetooth®, LTE, WiFi, GPS, NFC GSM Quad-band 850/900/1800/1900MHz, LTE 800/900/1800/2100/2600 MHz, GSM/GPRS/EDGE: Quad **WWAN Features** band 850 / 900 / 1800 / 1900 MHz **WLAN Features** IEEE 802.11a/b/g/n/ac/d/h/i/r **WPAN Features** Bluetooth® v4.2 Dual mode (2.1+EDR / BLE) **GPS** navigation a-GPS, GLONASS, Galileo, BeiDou NFC (NDEF), ISO 14443A, ISO 14443B, ISO 15693, MIFARE Classic, MIFARE Classic 1K RFID transponder protocols 5.5" HD+ 720 (W) x 1440 (H), Transmissive IPS LCD, Corning® Gorilla® Glass , outdoor visibility, optically Display type bonded to Touch Panel capacitive multi-touch with stylus or bare or gloved fingertip input,multi-touch CTP water proof support Touch-screen panel water rejection and wet finger Operation interface programmable buttons, volume up and down keys, ON/OFF, left and right trigger Audio speaker, dual array digital microphone with echo and noise cancellation Optical Bar code scanner 2D Imager (SE4100) Depth of scan field 3.0 cm ~ 49.5 cm Camera 13 MPix, with LED flash, 5Mpix front camera Sensors light sensor, proximity sensor, accelerometer, e-compass, gyroscope, magnetometer G-sensor Electrical Main battery pack Rechargeable Li-Ion battery 4000 mAh, 3,8V Main battery pack operating time 12hod Mechanical

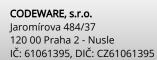
Dimensions Width: 76.8mm, Height: 165mm Length: 17.9mm

Weight 288g

## **Environment**

| Operating temperature               | -20 to 50°C |
|-------------------------------------|-------------|
| Storage temperature                 | -30 to 70°C |
| Operating humidity (non-condensing) | 10 to 90%   |
| Storage humidity (non-condensing)   | 5 to 95%    |

| Electrical static discharge | ±15kV air, ±8kV contact  |
|-----------------------------|--|
| Ingress protection          | IP67   |
| Shock resistance            | 500 tumbles at 0,5 m, multiply drops from 1,5 m onto concrete surface  |
| Others                      |  |
| Warranty                    | 1 year   |
| Certifications              | CE, FCC, IC, NCC, TBL, JRL, SRRC, CCC, BIS, WPC, WEEE, RoHS, REACH, CA65, BC, NrCAN  |
| Application software        | ReaderConfig, ButtonAssignment, Mobile Deployment Suite, Software Trigger Key, Xamarin Binding, CipherLab TE, AppLock, HTML5 (Browser and API), SOTI MobiControl, Kalipso, AirWatch, ReMoCloud |



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