



## RS35: Enterprise Smartphone, 4G RAM, 2D imager, GMS, LTE, Android 11, 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, Hot-swap (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 [hot-swap feature](#) 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 [Android Enterprise Recommended \(AER\)](#) 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](#)

Product video:

YOUTUBE='wxe1PZOju2U'



# Technical Description

|                                     |   |
|-------------------------------------|---|
| Functionality & Operation           |   |
| Operating system                    | Android 11  |
| Data memory                         | 64GB  |
| 1D Barcode Symbolologies            | All standard one-dimension barcodes   |
| Programmable features               | Android 10.0 SDK, reader API, SAM API, HTML 5 API   |
| 2D Code Symbolologies               | all standard 2D-Codes   |
| CPU Type                            | Octa-core 1.8GHz  |
| Program memory                      | 4GB   |
| 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   |
| WWAN Features                       | GSM Quad-band 850/900/1800/1900MHz, LTE 800/900/1800/2100/2600 MHz, GSM/GPRS/EDGE: Quad 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   |
| RFID transponder protocols          | NFC (NDEF), ISO 14443A, ISO 14443B, ISO 15693, MIFARE Classic, MIFARE Classic 1K  |
| Display type                        | 5.5" HD+ 720 (W) x 1440 (H), Transmissive IPS LCD, Corning® Gorilla® Glass , outdoor visibility, optically bonded to Touch Panel        |
| Touch-screen panel                  | capacitive multi-touch with stylus or bare or gloved fingertip input,multi-touch CTP water proof support 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                             |   |
| Depth of scan field                 | 3.0 cm ~ 49.5 cm  |
| Bar code scanner                    | 2D Imager (SE4100)  |
| 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  |
| <b>Others</b>               |  |
| 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 |

**CODEWARE, s.r.o.**  
Jaromírova 484/37  
120 00 Praha 2 - Nusle  
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444  
codeware@codeware.cz  
<https://www.codeware.cz/>

