



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, 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	
Program memory	3GB RAM
Data memory	32GB Flash
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
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
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	
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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