CIPHERLAB
Smarter

RS35
series

Lifting Efficiency and Productivity to the Top

CipherLab's RS35 is the device that brings enterprise-class features through a pocketable consumer style smartphone with rugged designs. The RS35 focuses on the versatility of its features, and it aims to provide its users the ability to deliver a positive customer experience, offer more convenient service and save time and effort.

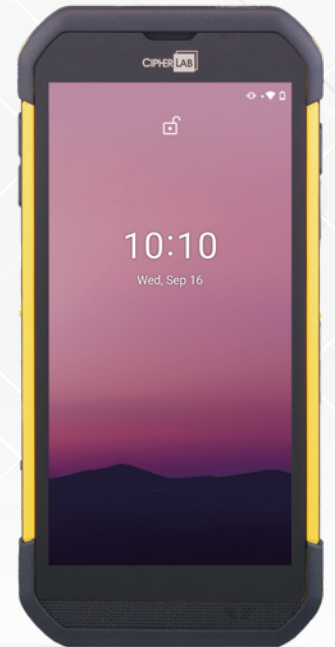### Efficiency, Versatility and Slim Design for Competitive Advantages

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Data Capture with Agile Performances

The RS35 UHF RFID reader, supporting the EPC Global Gen2v2 standards, has an excellent high-speed reading rate of more than 900 tags per second. Providing the best in class performance, it is available with software utilities including RFID Android SDK, EZConfig, and EZEdit.

Dependable Performance that is Long-lasting

The RS35 takes pride in its dependability in increasing user work efficiency with its powerful performances. It is equipped with Android 10/Android 11, Google Mobile Service (GMS) and the seal of Android Enterprise Recommended (AER) which give you full enjoyment of Google applications and consistent user experiences, and allow IT staff to manage Android devices with ease. RS35 comes with a hot-swap feature that the dead battery can be simply replaced with a fully charged one even without leaving your current applications or switching to suspending mode.

Protection Against Accidental Drops and Demanding Environments

RS35's IP65 and IP67 ratings allow the device to work in demanding environments such as rain and dust. Furthermore, the RS35 has a 4.92ft (1.5m) drop resistance, 5.90ft (1.8m) drop resistance with rubber boot and 500 tumbles at 1.64ft (0.5m). Workers can feel completely secured while focusing on the tasks at hand.

Instant Access to Online Information with Seamless Wi-Fi Connection

The RS35's transmission comes in the form of IEEE802.11 a/b/g/n/ac/d/h/i. These reliable connections support fast roaming and strengthen store operation in any industry. Its VoLTE feature with noise reduction microphone and echo cancellation assures easy in-store communication in any retail environment.

Touch Mobile Computer

RS35 /series

ANDROID 10/11 | 5.5" CAPACITIVE TOUCH PANEL | IP65 | IP67 | 1.5M MUTIPLE DROPS | 2D IMAGER | NFC | SAM | 802.11 a/b/g/n/ac | LTE

Performance	Operating System	Android 10 (GMS)/Android 11(GMS)
	CPU	Octa-core 1.8GHz
	Memory	32GB Flash / 3GB RAM
	Expansion	Micro SD card slot with SDHC (up to 32GB) and SDXC (up to 2TB) support
	SIM / SAM	2 SIM slots and 1 SAM slot
	Operating Power	Replaceable and rechargeable 3.85V, Li-ion 4000mAh
	Working Hours[1]	minimum 12 hours
	Alert	1 tri-color LED, 1 bi-color LED, vibrator
	Interface Supported	6-pin I/O & USB 2.0 Type-C with OTG
Wireless Communication	WWAN	EDGE/GPRS/GSM: 850/900/1800/1900 UMTS/HSPA+: B1/B2/B4/ B5/B6/B8 FDD LTE: B1/B2/ B3/B4/B5/B7/B8/B12/ B13/B17/B19/B20/B25/B26/B28 TDD-LTE: 38/39/40/41 Support VoLTE and Worldwide Band
	WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i
	Additional WLAN Features	802.11r (fast roaming), 802.11 v / k (Voice-Enterprise), CCX (Cisco Compatible Extensions) compatible
	WPAN	Bluetooth® Class I, V4.2 dual mode, V2.1 with Enhanced Data Rate (EDR)
	GPS	GPS / A-GPS / GLONASS / Galileo / Beidou
Data Capture	Barcode Scanning	2D imager (SE4770)
	RFID Read / Write	HF RFID 13.56 MHz frequency which supports ISO14443A, ISO14443B, ISO15693, and Felica Support NFC (Peer-to-Peer, Card Reader, Card Emulation)
	Camera	Rear autofocus 13 megapixels with LED flash
Physical Characteristics	Display	5.5'' HD + 720 (W) x 1440 (H), Transmissive IPS LCD, outdoor visibility, optically bonded to Touch Panel
	Touch Panel	Corning® Gorilla® Glass , Capacitive touch with stylus or bare or gloved fingertip input, multi-touch CTP water proof support water rejection and wet finger
	Interactive Sensor	Light sensor, Proximity sensor, Motion sensor (Accelerometer, G-sensor), E-compass (Magnetometer), Gyroscope
	Keypad	1 programmable key, volume up and down keys, left and right trigger keys, power key
	Audio	Speaker, microphones with echo and noise cancellation
	Size (LxWxH)	6.50 in x 3.02 in x 0.70 in (165 mm x 76.8 mm x 17.9 mm)
	Weight	10.15 oz (288 g)
User Environment	Operating Temperature	-20°C to 50°C / -4°F to 122°F
	Storage Temperature	-30°C to 70°C / -22°F to 158°F (Without battery)
	Humidity (non-condensed)	Operating 10% to 90% / Storage 5% to 95%
	Impact Resistance	IP65 & IP67, 500 tumbles at 0.5 m Standard: 1.5 m (5 ft.) multiple drops onto concrete, 6 drops on each side With rubber boot: 1.8 m (6 ft.) multiple drops onto concrete, 6 drops on each side
	Electrostatic Discharge	± 15 kV air discharge, ± 8 kV contact discharge
	Regularity Compliance	CE, FCC, IC, NCC, TBL, JRL, SRRC, CCC, BIS, WPC, WEEE, RoHS, REACH, CA65, BC, NrCAN
Development Support		Android 10.0 SDK, reader API, SAM API, HTML 5 API
Application Software		ReaderConfig, ButtonAssignment, Mobile Deployment Suite, Software Trigger Key, Xamarin Binding, CipherLab TE, AppLock, HTML5 (Browser and API), SOTI MobiControl, Kalipso, AirWatch, ReMoCloud, HF RFID Configuration, Signature Capture, SIP Controller, BT Printer Mate, Enterprise Setting
Accessories		Charging and communication cradle, USB snap-on cable, Hand strap, Rubber boot, Pistol grip, 4-slot battery charger, Multi-slot Terminal charging cradle[2] , UHF RFID reader[2], Vehicle cradle[2]
Warranty		1 year

1. Minimum 12 hours under WLAN and 2D scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 77°F (25°C), RFID off / Bluetooth® off / IEEE 802.11 a / b / g / n /ac on. The test is based on one broadcasting packet per second.
2. Please contact us for availability.

ACCESSORIES

5-slot Terminal Charging Cradle

Battery Charger with Terminal Charging Cradle

4-slot Battery Charger

Single-slot Cradle

UHF RFID Reader

Snap-on Cable

Hand Strap

Rubber Boot

Shoulder Strap

Pistol Grip

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