RS36 / series

ANDROID 12 | 5.5" CAPACITIVE TOUCH PANEL | IP65 | IP68 | 1.5M MULTIPLE DROPS | Advanced Range 2D IMAGER | NFC | | | 2x2 MIMO | WiFi 6 | LTE

Performance	Operating System	Android 12 or 14 (GMS), Upgradeable to Android 14 / 16
	CPU	Qualcomm Octa-core 2GHz
	Memory	64GB UFS Flash / 4GB LPDDR4X RAM
	Expansion	Micro SD card slot with SDHC (up to 32GB) and SDXC (up to 2TB) support
	SIM	2 nano SIM/ 1 nano SIM and 1 eSIM (optional)
	Operating Power	Hot-swappable and rechargeable 3.85V, Li-ion 4000mAh , Extended battery: 6000mAh
	Working Hours[1]	12+ hours (standard battery), 18+ hours (extended battery)
	Alert	1 tri-color LED, 1 bi-color LED, vibrator
	Interface Supported	6-pin I/O & USB 3.1 Gen 1 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/B66 TDD-LTE: B38/39/40/41 Support VoLTE and Worldwide Band
	WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w, IEEE 802.11ax (WI-FI 6 model only)
	Additional WLAN Features	802.11r (fast roaming), 802.11 v/k (Voice-Enterprise), MU-MIMO 2x2 (Wi-Fi 6 model only)
	WPAN	Bluetooth® Class II, V5.1 dual mode, V2.1 with Enhanced Data Rate (EDR)
	GPS[3]	GPS/A-GPS/GLONASS/Galileo/Beidou
Data Capture	Barcode Scanning	1D/2D imager (Standard range: SE4100/SE4770; Advanced range SE5500)
	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 :16 megapixels PDAF with LED flash / Front:5 megapixels[2]
Physical Characteristics	Display	5.5'' HD+ 720 (W) x 1440 (H), Transmissive IPS LCD, outdoor visibility (630 nit), optically bonded Touch Panel
	Touch Panel	Corning® Gorilla® Cover Glass, Capacitive touch supports stylus, bare or gloved fingertip input multi-touch, allow water rejection and wet finger
	Interactive Sensor Technology	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 (80 dB at 40 cm), microphones with echo and noise cancellation
	Size (LxWxH)	165 x 76.8 x 17.9 mm
	Weight	288g (with 4000mAh battery) / 319g (with 6000mAh battery)
User Environment	Operating Temperature[4]	-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 & IP68 With extended battery: 1.5m multiple drops (36 times), 500 tumbles. With standard battery: 1.5m multiple drops (36 times) & MIL-810H multiple drops (26 times), 1500 tumbles. With rubber boot: 1.8m (6 ft.) multiple drops onto concrete, 6 drops on each side.
	Electrostatic Discharge	± 15 kV air discharge, ± 8 kV contact discharge
	Regularity Compliance	LTE : CE, FCC, IC, NCC, TBL, JRL, BIS, WPC, WEEE, RoHS, REACH, CA65, TSCA, BC, NrCAN, NBTC WI-FI 6 ONLY : SRRC, CCC, BSMI, NCC, CE, FCC, IC, WEEE, RoHS, REACH, CA65, TSCA, BC, NrCAN
Development Support		Android 12.0 SDK, HTML 5 API, Reader API (Java/Xamarin)
Application Software		ReMoCloud, EnDeCloud, ADC, WMDS, APPLock, Terminal Emulator, BT Printer Mate, Device Health, SIP Controller, Software Trigger, Signature Capture, EZEdit, CipherLab Assistant Service, Ping Tool, Wireless Initiator, IntelliWorker, Reader Config, Button Assignment, HF RFID Config, EZConfig, Enterprise Setting, Barcode To Setting, LogGen, Agility Intelligence, Cloud Message, EZcheck
Certified Application		ReMoCloud, EnDeCloud, SOTI MobiControl, VMware Workspace ONE, Ivanti Wavelink Velocity
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], Screen protector[2]
Warranty		1 year standard warranty

1. Minimum hours under WLAN and 2D scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 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.
3. GPS function is only available for WWAN models.
4. Please note: RS36 should not be used in environments with significant temperature fluctuations, such as frequent entry and exit from refrigerators or buffer zones. If used in such conditions, it is recommended to use a specialized cold storage device.
5. The Android version is subject to technical feasibility confirmed by Qualcomm.

ACCESSORIES

4-Slot Battery Charger

Charging and Communication Cradle

Snap-on Cable

Rubber Boot

Hand Strap

Shoulder Strap

UHF RFID Reader (work with standard battery only)

Pistol Grip (work with standard battery only)

5-Slot Terminal Charging Cradle

Battery Charger with Terminal Charging Cradle

Extended Battery