

RP2000

Comprehensive mobility experience for your business





Built for Versatile Environment

- Rugged, IP67 RP2000 meets MIL-STD 810G standards offering ideal mobile computer solution for all users in challenging and versatile applications such as public safety, logistics, field mobility and retail.

User-Centered Design

- User driven and tested, the ergonomic and light-weight design brings unrivaled comfort in day-to-day operations.
- Large and intuitive Push-to-Talk/Push-to-Video and barcode scanner buttons are asymmetrically located from each side of RP2000, offering the most optimal user key selections for multipurpose work environments.
- Programmable hard keys offer shortcut access to desired and frequently used features and applications.

Dependable Automatic Identification & Data Capture

- Equipped with optional SE4710 1D & 2D barcode scanner and default 13MP auto-focus rear and 2MP front cameras, RP2000 brings unsurpassed automatic identification and data capture performance to get the job done.

Robust Hardware Platform for Powerful Performance

- Industry's leading 2.2 GHz octa-core processor specifically designed for top-tier mobile devices delivers more powerful and faster performances than competitors while consuming significantly less battery life for optimal day-to-day operations.
- Improved modem offers highly dependable and 2X faster download speed for both LTE (via carrier aggregation technology) and Wi-Fi compared to the prior generation as well as broader network coverage for both inside and outside the four walls.
- Support for PS-QCI makes RP2000 suitable for not only for enterprise-level PoC (PTT/PTV over Cellular) services, but a perfect device solution for public safety mission critical domain.

Always Connected with Global Connectivity

- Supporting global 4G LTE, 3G UMTS/HSPA/HSPA+, 2G GSM/GPRS/EDGE allow workers to be connected uninterruptedly regardless of locations and network conditions.

Smart Battery Management for Maximum Power

- RP2000's SoC design delivers ultimate battery efficiencies for uninterrupted business critical services for workers. Furthermore, RP2000 has been fully optimized for Gen2Wave's proprietary Push-to-Talk (PTT) & Push-to-Video (PTV) solution while consuming minimal battery life.

Unparalleled World-class Push-to-Talk & Push-to-Video Solution

- Gen2Wave offers ultimate multimedia communication with public safety level of security by one of world's first commercialized Push-to-Video (PTV) solution.
- Supporting up to 1,000 concurrent PTV users, 10,000 PTT users, and 999 priority groups per each cloud based system helps achieve low overall cost and brings competitive advantages.
- Robust VoIP function allows real time duplex console system designed to meet public safety dispatch center standards.
- Paired with recording server, geographical information system (GIS) and web-based administrator (WAS) services, Gen2Wave Co. delivers reliable and extraordinary business & missional critical experiences.

RP2000 Featured Services



Field Mobility



Public Safety



Logistics



Retail



Transportation



Healthcare

SPECIFICATIONS

Physical Characteristics

Dimensions	156.5mm(L) x 81.1mm(W) x 16.6mm(H)
Weight	269g with Standard Battery
Display	5.0 in. Full HD (1920 x 1080) Gorilla Glass 3
Touchpanel	Capacitive Touch Screen (Glove & Wet Touch)
SIM	2 USIM Slots
Power	Li-ion Polymer 3,500mAh / Standard Battery
Expansion Slot	MicroSD Card Slot upto 128GB
Notification	Audible Tone; Multi-Color LEDs; Vibration
Keypad	On-Screen Keypad
Voice & Audio	Dual Loud Speakers; 1.5W X 2

Data Capture

Scanner	1D/2D Imager (SE4710)
RFID	ISO15693, 14443A/B
Camera	Rear - 13MP Auto-Focus / Front - 2MP

PTT

Physical PTT Key	Programmable
Dedicated PTT Speakers	Front-Located 3W Dual Loud Speakers

Wireless WAN Data & Voice Communications

Radio Frequency Band	GSM : 850, 900 MHz WCDMA : 2100, 1900, 850, 900 MHz LTE: Band 1,2,3,4,5,7,8,20,28,40,41
GPS	AGPS , GLONASS, BeiDou

Performance Characteristics

CPU	Qualcomm® Snapdragon™ (SDM660)
Operating System	Android 8.0
Memory	4GB RAM / 32GB ROM

User Environment

Operating Temp.	-20°C to 55°C / -4°F to 131°F
Storage Temp.	-30°C to 80°C / -22°F to 176°F
Humidity	5% to 95% Non-Condensing
Drop Spec.	1.5m / 5ft MIL-STD 810G
Sealing	IP67

Wireless LAN

Wi-Fi	IEEE 802.11 a/b/g/n/ac
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Wireless PAN

Bluetooth	Bluetooth v5.0 BLE
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Peripherals and Accessories

Desktop Cradle, 4 Slot Cradle, Snap-on Charger, RS-232/USB Cable, Vehicle Mount, Hand Strap

Warranty

Standard Warranty (1 Year)
Optional Comprehensive Warranty (Up to 5 Years)

RP2000 Accessories



Snap-on Charger & Data Cable



Desktop Cradle



4 Slot Cradle



Vehicle Mount



Hand Strap