



Product features and specifications



FEATURES

NETWORK

- Multi-carrier nationwide connectivity on 4G LTE & 5G NR (Sub 6GHz)
- Automatic network switching and connection bonding across WiFi and cellular
- Support for CBRS Private 4G/5G
- Quad SIM Dual Standby - Dual eSIMs and Dual nano SIMs
- Wi-Fi 802.11 b/g/n/ac/ax (WiFi 6E), tri-band 2.4GHz, 5GHz & 6GHz; 2 x 2 MIMO; Dual Band Simultaneous (DBS)
- LoRa 915MHz unlicensed
- Bluetooth™ 5.2 + BLE

COMMUNICATIONS

- Push-to-talk voice in groups or one-to-one
- Communicate between RelayX, smartphone app or desktop dashboard and fully compatible with previous generation Relay+ devices
- Voice communications over WiFi and Cellular
- Voice communications via wired or wireless headset accessories
- Support for broadcast alerts and emergency alerts

SMART FEATURES

- TeamTranslate™: live voice translation in 30+ languages
- GPS Location and Geofencing with boundary set-up and notifications
- Room level indoor location with Relay Bluetooth™ beacons or existing WiFi access points
- Relay voice assistant
- Do not disturb mode
- API access for custom workflows and integrations
- Compatible with Relay Asset Trackers to locate equipment
- Support for Custom Phrase Incident Triggers (i.e. Code Red)

ACCESSORIES

- Carry solutions: Protective case with snap-in multi-position belt clip & loop for carabiner
- Multiple wired headset solutions; Support for Bluetooth™ headsets
- Bluetooth™ Beacons for Indoor Location
- Secure NFC Tags
- Multi-unit Charging Station

SPECS

AUDIO

- Front-ported Dual 2W speakers with class D amplifier (110dB peak SPL @ 10cm)
- Three mics with active noise & echo cancellation
- Wired headset/speaker support via USB
- Bluetooth™ headset support

SENSORS AND OTHER HW FEATURES

- Dual band GPS (L1 & L5)
- NFC with secure element; separate RFID passive tag for storage of scannable device ID info
- Ultra Wide Band (UWB) channel 9 support
- Sensor Hub:
 - Accelerometer
 - Gyroscope
 - eCompass
 - Haptics Vibrator
 - Proximity/Light
 - Barometric Pressure/Temperature

DISPLAY & NOTIFICATIONS

- 1.9" OLED B&W 320 x 160 resolution
- 1mm thick Gorilla Glass 3 cover glass
- 0.5mm replaceable tempered glass screen protector
- 12 Multi-color LED notification ring

MEMORY, BATTERY AND CHARGING

- 4 GB LPDDR4+ SDRAM; 64 GB UFS 2.1
- 2900 mAh, Non-removable, all-day Lithium-Ion battery. UL1642, UL2054 & IEC62133 certified.
- USB-C; support for charging standards BC1.2, USB-PD & QC3.0

INDUSTRIAL DESIGN

- 60.5mm (2.38in.) x 122.6mm (4.83in.) x 17.2mm (0.68in.)
- 155 grams total weight
- Polycarbonate housing with rubberized silicone overmold
- Keys: PTT, Volume up/down, Voice Assistant, Left/Right Navigation

WATER RESISTANCE & DURABILITY

- IP-68 and IP-66 certified for Dust & Water. Submersible in 1.5 meters of water for 30 minutes. Protects against strong water jets & heavy rain.
- MIL-STD 810H tested tough
 - High/Low Temp (+55C to -20C)
 - Shock (4' drop on concrete)
 - Humidity (aggravated temp-humidity cycles)
 - Random Vibration
 - Salt Fog (48hrs)

