



Ruggedized PoC Radio

PTT200



Product Overview

The PTT200 is a rugged 4G Push-to-Talk (PTT) radio engineered for mission-critical communication in demanding environments. Powered by a Linux OS and advanced 4G LTE modules, it ensures reliable voice/data transmission and features a 5800mAh battery delivering 12–14 hours of mixed use (talk/standby). Built to IP67 standards, it withstands water, dust, shocks, and extreme temperatures (4°F to 140 °F), making it ideal for industrial, emergency, and outdoor operations.

Compatible with major U.S. carriers (AT&T, Verizon, T-Mobile) and global networks, the PTT200 supports real-time GPS tracking, an external antenna for enhanced connectivity, and a 2.4-inch display for intuitive navigation. Its rugged design and advanced features ensure seamless coordination in high-stakes scenarios.

Communication Features

- **Call Modes:**
Supports individual call, group call, and friend call.
- **GPS:**
Built-in high-precision GPS module for real-time location sharing.
- **Network Coverage:**
Comprehensive coverage across the United States, with compatibility for global networks.
- **International Roaming:**
Supported (service activation required).
- **Global Communication:**
Unlimited distance for global push-to-talk communication.
- **Quick Search:**
Easy and quick search for members and friends.
- **One-Touch Call:**
Quick individual call and group switching.

Additional Features

- **Display:**
2.4-inch screen with 240 x 320 resolution, SPI interface, vertical orientation.
- **Headphone Jack:**
16PIN interface supporting data transmission.
- **Emergency Alarm:**
SOS one-touch alarm function

Package Contents

- PTT200 Public Network Radio Host x1
- Detachable Battery x1
- Charger x1
- Type-C Data Cable x1
- Belt Clip x1
- Quick Start Guide x1

Key Specifications

- **Model:**
PTT200
- **Operating System:**
Linux
- **Communication Module:**
4G Public Network Radio
- **Network Standards:**
FDD:
B2/B4/B5/B12/B13/B14/B66/B71
- **Communication Mode:**
Push-to-Talk (PTT)
- **Antenna:**
External Antenna
- **Operating Temperature:**
4°F to 140 °F

Environmental & Compliance

- **Operating Temperature:**
4°F to 140 °F
- **Protection Rating**
IP67 (Waterproof, Dustproof, Shockproof)

Notes

- Battery Life: 12–14 hours (mixed talk/standby usage).
- SOS alarm not supported on overseas platforms.
- Specifications subject to change without notice. Confirm details at shipment.

Optional Accessories

- **Headset**
- **Programming Cable**

- **Protection Rating:**
IP67 (Waterproof, Dustproof, Shockproof)
- **Battery Capacity:**
5800mAh, 3.7V
- **Battery Life:**
12 - 15 Hours
- **Dimensions:**
144 x 63 x 34mm (excluding antenna)
- **Certifications:**
Approved
 - Regulatory:
FCC, PTCRB
 - Carriers:
T-Mobile, AT&T**In Progress**
 - Verizon