



iTALK200

PTT Portable Radio

Global PTT service via 2G/3G/4G network
Cost-effective professional trunked features
Easy-to-deploy & Easy-to-expand network
Large coverage & less limit in capacity
with professional appearance



iTALK200 Portable Radio

KEY FEATURES AND BENEFITS

• **Global PTT service**

Users can use PTT service globally via public operator’s existing mature 2G/3G/4G network.

• **3G / 4G / GSM (GPRS) / WIFI transmission**

It provides flexible ways of using PTT service under various radio environ-ments, if WIFI is on, WIFI will be the first choice for transmission; if WIFI is off, then 4G comes first.

• **NFC (optional) / Bluetooth**

NFC and Bluetooth function modules bring more possibilities for extended use, like guard patrol options.

• **GPS**

• **Remote programming over the air via public radio network enables lower customer maintenance cost**

Users can modify the setting for the two-way radio through web-based management platform or App in smart phone, then the modified parameters will be sent to radio via 2G/3G/4G network automatically.

• **Remain user operation habits of critical communication**

Basic functions of professional two-way radio, such as voice services (all call / group call / private call / alert call etc); Text message; Tone alert (incoming call / outgoing call / text message / talk permit / low battery/emergency panic) etc.

• **Advanced signaling service**

• **Kill / stun / revive to enable flexible management.**

• **iTALK software-Includes monitoring/recording and a unique guard patrolling system**

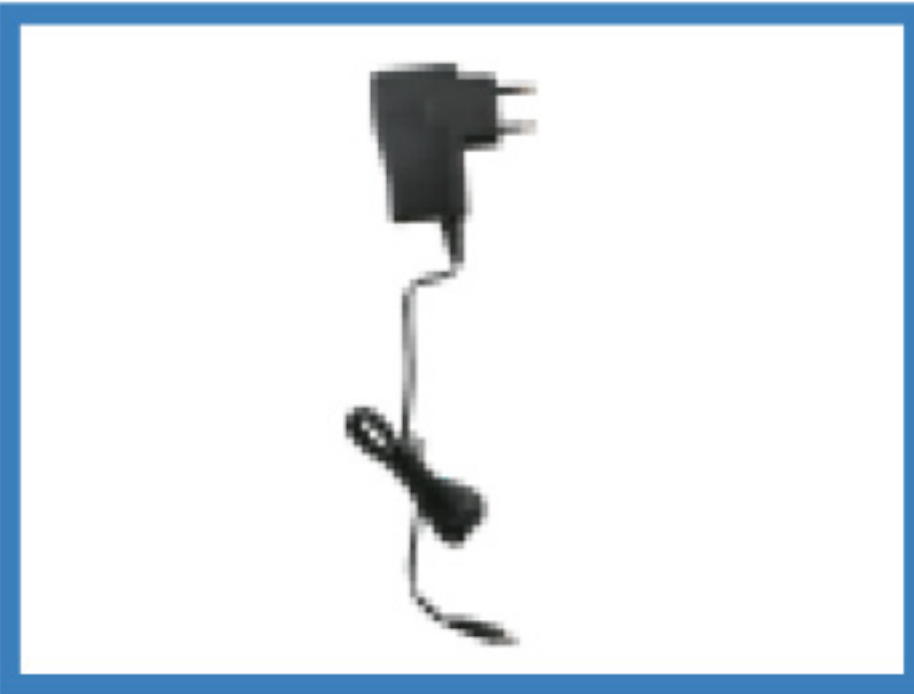
• **IP54 Protection Design**

SPECIFICATIONS

| General | | |
|--|--|----------|
| Communication Systems & Frequency Bands (optional) | Version 1 (EMEA & Asia): FDD-LTE:Band 1,3,5,7,8,20; TDD-LTE: Band 38,40,41; WCDMA: Band 1,2,5,8; GSM/GPRS: Band 2,3,5,8; Wi-Fi: 2.4/5GHz | |
| | Version 2 (America): FDD-LTE: Band 1,2,4,5,7,12,13,17,28A,28B; WCDMA: Band 1,2,4,5; GSM/GPRS: Band 2,5; Wi-Fi: 2.4/5GHz | |
| Channel Spacing | 2G: 200kHz | 3G: 5Mhz |
| Operating Temperature | -20℃ ~ + 50℃ | |
| Storage Temperature | -40℃ ~ + 80℃ | |
| Operating Supply | DC 3.7V | |
| Battery | 4000mAh (Standard); 5200mAh (High Capacity) | |
| Dimension (H*W*D) (with battery, without antenna) | 115mm*54mm*30mm | |
| Weight (with battery and antenna) | 330g | |
| Display | NA | |
| IP Rating | IP54 | |

| Transmitter | | |
|------------------------|---|--|
| RF Power Output | 2G: 2W ± 0.5W/3G: 0.25W ± 0.1W | |
| Frequency Stability | ±0.1 ppm | |
| Audio Distortion | 5% (typical) | |
| Receiver | | |
| Frequency Stability | ±0.1 ppm | |
| Sensitivity | 2G: BER < 0.001 when Îor = 1µV; 3G: BER < 0.001 when Îor = 1µV | |
| Rated Audio Power | 1W | |
| Rated Audio Distortion | 5% (typical) | |

STANDARD ACCESSORIES



Adapter



Charger Cup



Battery



Antenna



Belt Clip



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