



iTALK220

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 IP65
with professional appearance



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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 environments, 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**

With supporting basic functions of professional two-way radio, like 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°C ~ + 50°C
Storage Temperature	-40°C ~ + 80°C
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	160*128 pixels, monochrome LCD screen
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 Ior = 1μV; 3G: BER < 0.001 when Ior = 1μV
Rated Audio Power	1W
Rated Audio Distortion	5% (typical)

STANDARD ACCESSORIES



Adapter



Charger Cup



Battery



Antenna



Belt Clip



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