POWERED BY
iTALKPTT

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

with professional appearance

iTALK220 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**
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

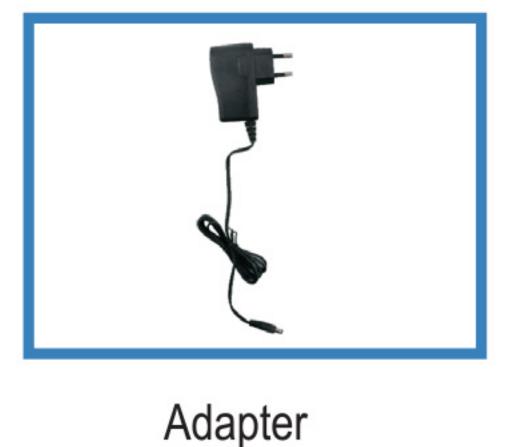|	
Communication Systems & Frequency Bands (optional)	**Version 1 (EMEA & Asia):** FDD-LTE:Band 1,3,5,7,8,20; TDD-LTE: Band 38,40,41; WCDMA: Band 1,2,5,8; GSM/GPRS: Band 2,3,5,8; Wi-Fi: 2.4/5GHz **Version 2 (America):** FDD-LTE: Band 1,2,4,5,7,12,13,17,28A,28B; WCDMA: Band 1,2,4,5; GSM/GPRS: Band 2,5; Wi-Fi: 2.4/5GHz
Channel Spacing	2G: 200kHz 3G: 5Mhz
Operating Temperature	-20℃ ~ + 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	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 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