

# **GH880**

## **LTE Portable Radio**

- Dual Mode, Dual Standby
- Professional Voice / Video PTT Services
- Loud and Clear Sound
- Excellent Man-Machine Interface (MMI)
- GPS Location, NFC, Bluetooth and HD Video
- IP67



# Technical Specifications

General		
Technology	FDD-LTE; TDD-LTE; WCDMA / GSM; DMO	
Frequency	Private network LTE	FDD B31
	Public network LTE	TDD B38 / B39 / B40 / B41 FDD B1 / B3 / B5 / B7 / B8 / B20
	WCDMA	B1
	GSM	B2 / B3 / B5 / B8
	DMO	400~470MHz
Maximum transmit power	Private network LTE	23±2dBm
	Public network LTE	23dBm±2dBm
	WCDMA	23dBm±2dBm
	GSM	30dBm±2dBm
	DMO	30dBm
Antenna	External: LTE / DMO / GPS Internal: LTE / WLAN / BT / NFC	
Size(HxWxD)	162 mm × 74.4 mm × 24 mm (Without Antenna)	
Weight	About 400g (With Antenna and Battery)	
Screen	4.8" color LCD, 1280 × 720	
Battery	16.65Wh (4500 mAh, 3.7V )	
Operating system	Deeply Customized OS Based On Android 5.1	
Chipset	Qualcomm MSM8974AB	
Memory	RAM: 3GB ROM: 128GB	
Camera	Rear camera: 13 megapixels, autofocus, CMOS, and with a flash Front camera: 5 megapixels, and CMOS	
External interface	18pin Connector (for USB, Audio and so on) Battery Charging Connector	
Bluetooth	BT2.1+EDR/4.0	
NFC	Support	
WLAN	WiFi 802.11b/g/n, 2.4G, Support WiFi hotspot	
Location	GPS, Glonass, BDS	
Multimedia	Photo	Format: JPEG Maximum size: 3120x4208
	Video recording	Format: 3GP Maximum resolution: 1080P with 30 frames per second
	Audio recording	Format: AMR
	Audio playback	Format: MIDI, AMR, MP3, AAC+, QCP, WAV, and WMA
	Video playback	Format: MP4, H263, H264, and 3GP Maximum resolution: 1080P with 30 frames per second
Power Management	Standby	80H
	Voice / Video PTT calls	16H
	Video calls	5H
	Recharge	Single Charge: 2.5H Double Charge: 5H
Note: LTE cycle: 1280ms; Trunking cycle: 640ms; Auto lock screen time: 15s; 5:5:90 mode		

Extended memory	Micro SD, up to 128GB SD card encryption supported
Sensor	Gravity acceleration sensor, proximity sensor, gyroscope, light sensor, and geomagnetic sensor
Charging	Desktop charging
OTG	Supports connections with extensive accessories, for example, UVC devices
Environmental	
Operating temperature	-20°C ~ +60°C
Storage temperature	-40°C ~ +85°C
ESD	IEC 61000-4-2 ( level4 )±8kV ( Contact )±15kV ( Air )
Dust and Water Resistance	IP67
Reliability	MIL - STD 810 G

## PTT Services (dependent on PTT client)

General Functions	
Video private call	•
Video group call	•
Video transmission	•
Voice private call	•
Voice group call	•
Broadcast call	•
Emergency call	•
DMO PTT	•
Call dispatch console	•
Temporary group call	•
Automatic group information update	•
Late entry, PTT floor request and preemption, and PTT floor status alter	•
Inter-fleet call	•
Dispatch based on GIS map	•
Stun and Revive	•

## Standard Accessories



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