



TYT ELECTRONICS CO.,LTD

IP-398

4G LTE Network IP Radio



- Talking Fee: only pay a little fee for one year talk, no require roaming charges
- PTT one touch communication, strong signal and long continuation talking
- Unlimited talking distance, cover a whole country
- Private Call/Group Call/Member list/Parent Group call
- Battery power voice prompt
- Low battery alert
- Talk Priority Setting
- Loud voice, high fidelity output
- Software remote update
- List quick search
- PTT Kibitz function
- Talk Permit Tone
- 3 quick call keys
- GPS function

Specification

	Working voltage	3.7V	
	Operation system	Linux system	
	Language	Chinese/English	
LTE FDD frequency	B1	Tx frequency: 1920~1980MHz	Rx frequency: 2110~2170MHz
	B3	Tx frequency: 1710~1785MHz	Rx frequency: 1805~1880MHz
	B5	Tx frequency: 824~849MHz	Rx frequency: 869~894MHz
	B8	Tx frequency: 880~915MHz	Rx frequency: 925~960MHz
LTE TDD frequency	B38	Tx frequency: 2570~2620MHz	Rx frequency: 2570~2620MHz
	B39	Tx frequency: 1880~1920MHz	Rx frequency: 1880~1920MHz
	B40	Tx frequency: 2300~2400MHz	Rx frequency: 2300~2400MHz
	B41	Tx frequency: 2555~2655MHz	Rx frequency: 2555~2655MHz
WCDMA frequency	B1	Tx frequency: 1920~1980MHz	Rx frequency: 2110~2170MHz
	B8	Tx frequency: 880~915MHz	Rx frequency: 925~960MHz
TDSCDMA frequency	B34	Tx frequency: 2010~2025MHz	Rx frequency: 2010~2025MHz
CDMA frequency	B39	Tx frequency: 1880~1920MHz	Rx frequency: 1880~1920MHz
GSM frequency		EVDO Rev.A800M	
Performance parameter	Antenna	all networks external antenna, GPS antenna built-in	
	Screen	1.77 SPI color screen, resolution: 128*160	
	CPU	Yiyuan EC20	
	Battery capacity	≥3600mA	
	Rx sensibility	-106dbm	
	Max. Tx power	23dBm~25dBm@All up bits	
	Working temperature	-20---+75° C	
	Storage temperature	-40---+85° C	
	Audio output power	2W@10% distortion	
	Receiver Type	56-channel u-blox 7 engine GPS/QZSS L1 C/A, GLONASS L1 FDMA SBAS:WAAS, EGNOS, MSAS	
Update rate	Maximum	up to 10Hz	
	Accuracy	GPS	GLONASS
	Positioning	2.5m CEP	4.0m
Capture	SBAS	2.5m-CEP	N.A.
	Cold start	20S	30S
Sensitivity	Accuracy	1S	1S
	Track	-161dBm	-158dBm
	Cold start	-148dBm	-140dBm
	Warm start	-148dBm	-145dBm
	Assisted GPS	AssistNow Online	AssistNow Offline
		AssistNow Autonomous	OMA SUPL & 3GPP
Voltage Level	Oscillator	built-in(MAX-7Q/7W), the ordinary crystal(MAX-7C)	
	RTC crystal	built-in(MAX-7Q/7W) Or more cost-effective solution	
	Current solution		
	An-ti interference	Active CW detection and removal	
Power consumption	Storage	ROM	
	Support	active antenna and passive antenna	
	Power consumption	16.5mA@3V(Continuous Mode)	
		4.5mA@3V(Saving Mode, 1Hz)	
	Power Supply	1.4V-3.6V	



Quanzhou TYT Electronics Co.,Ltd
 Address: Block 39-1, Optoelectronics-information industry base, Nan'an, Quanzhou, Fujian, China
 Website: www.tyt888.com E-mail: tyt@tyt888.com
 Nationwide Toll Free No.: 400-699-8858

More optional accessories please refer to our website: www.tyt888.com