



Quixote Broadband i2way VHF-UHF Two-Way Radio

PATENT PENDING





- Bluetooth LE 4.0 Long Range Push to Talk Mode
 - 1 watt TPO 2394-2507 MHZ
 - 40 channels
 - FHSS-GFSK Modulation
 - 1 Mbps over the air rate
 - 260 or 460 kbps deliverable rate
 - 2.2 watt ERP
 - -100 dBm receiver sensitivity
 - -40 to +85 C operation.
 - Android 2.3 Operating System
 - 1400 mAh Lithium Ion Battery
 - Texas Instruments OMAP DSP + ARM Processor
 - 4 GB memory
 - 480 x 800 pixel AMOLED display
 - Capacitive Touchscreen
 - Ambient Light Sensor
 - 1 megapixel camera with geotagging
 - Video capture, upload and streaming
 - 12 channel GPS receiver
 - 500 mw Class D receive audio
 - 30 mm loudspeaker
 - 2 kbps i2way vocoder MIL-STD-3005
 - 256 AES Encryption
- Modes of Operation:
- Simplex BT-LE to BT-LE, approx 3 km range
 - 50 watt VHF-UHF via companion mobile transceiver
 - Broadband via i2way BT-LE repeater
 - Test Set for TDSG Meters via Bluetooth LE
 - Full Duplex SIP phone mode

- Controls
- PTT Switch
 - Home Button/Power Switch
 - Volume Up/Down
 - Mute Switch (vibrator)
 - Man Down/Emergency Button
 - SIP PSTN or PBX number
 - SMS exchange via i2way gateway to all SMS
 - 3.5 mm Headset Jack
 - Micro USB I/O-Charging
- Companion Mobile Transceiver
- i2way OFDM modulation
 - 50 watts TPO
 - 150-170; 420-500 MHZ, 6 .25 and 12.5 kHz
 - 12.5 VDC, 16 A

i2way Corporation

Subsidiaries:

- i2way Australasia Pty Ltd (Australia)
- i2way Canada Inc. (Canada)
- i2way UK Ltd (United Kingdom)

