M50

PoC Mobile Radio

Global PTT service via 2G/3G/4G/Wi-Fi network
Cost-effective professional trunked features
Easy-to-deploy & easy-to-expand network
Large coverage & less limit in capacity
Highly professional, for use in vehicle

KIRISUN PTT over Cellular Radio

M50 PoC Mobile Radio

KEY FEATURES AND BENEFITS

• Compact design, easy to install
Newest private model from Kirisun with compact design, support installation with different accessories

• Global PTT Service, support dual SIM cards
Users can use PTT service globally via public 2G/3G /4G network, support dual SIM cards

• 4G/3G/GSM (GPRS)/ WIFI transmission
In-vehicle PTT service under various radio environments

• A-GPS for more accurate positioning
A-GPS (GPS with assistance of base-station in public radio network), GPS module sends the initial GPS data to base station after analysis and data will be returned to GPS module for further processing

• Supports various voice and data services
Maintain user habit as much as possible, supports various voice functions such as call (all call/group call/individual call/call reminder), voice (incoming call/outgoing call/talk permit/low power), and duplex call

• Three programmable keys and configuration via air interface
Three programmable keys for function customization and quick operation. Remote configuration through 2G/3G/4G/Wi-Fi air interface, helping reduce maintenance cost

• Clear recording, download and playback of voice
Echo-suppression and large-caliber speaker for clearer and larger volume and less distortion, helping users better enquire historical data from dispatcher station through voice recording, download and playback

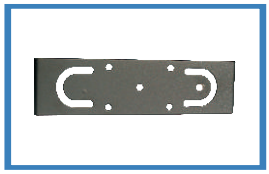
• High extensibility
Wi-Fi and Bluetooth modules bring more possibilities for extended use of other third-party applications

SPECIFICATIONS

General	
Communication Mode & Frequency Band	GSM : B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 Or GSM/GPRS/EDGE : B3/B5/B8 WCDMA : B1/B5/B8 CDMA: 1xEVBO:BC0 FDD-LTE: B1/B3/B4/B5/B7/B8/B17/B20/B28A TDD-LTE: B40 WIFI: 2.4Ghz or 2.4Ghz/5Ghz
Operating Temperature	-30℃ ~ + 60℃
Storage Temperature	40℃ ~ + 80℃
Power Supply	DC 8-36V (Typical DC 12.5V), ISO7637 compliant
Dimension (H*W*D)	43.4mm*152.6mm*50.7mm
Weight (with battery and antenna)	280g
Display	160*128 pixels, monochrome LCD screen
Dustproof & Waterproof	IP54
Ports	1 X power port (can connect in-vehicle ACC power) 1X microphone port 1x USB port 1x LTE/WCDMA/GSM 1 x GPS antenna port 3 x card slots (2 x SIM card slots, 1x TF card slot)
Operating System	Based on Android 7.0
Transmitter	
RF Power Output	(2G) 2W ± 0.5W / 33.5dBm ±1.5dB (3G) 0.25W ± 0.1W / 24dBm ±1.5dB (4G)0.20W ± 0.1W / 23dBm ±2.7dB
Frequency Stability	±0.1 ppm
Audio Distortion	5% (typical)
Receiver	
Frequency Stability	±0.1 ppm
Sensitivity	(2G) BER < 0.001 when Îor = 1μV / -106.7dBm (3G) BER < 0.001 when Îor = 1μV / -106.7dBm (4G) BER < 0.001 when Îor = 1μV / -106.7dBm
Rated Audio Power	1W

All specifications are subject to change without notice due to continuous development.

STANDARD ACCESSORIES


Bracket

Power Cable

Antenna

GPS Antenna

Hand Microphone KME-231

Shenzhen Kirisun Communications Co.,Ltd.
ISO9001: 2015 Accredited Designer & Manufacturer

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