



M50 4G

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 4G 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/GPRS: B2/B5 WCDMA/HSPA: B1/B2/B4/B5 FDD-LTE: B1/B2/B3/B4/B5/B7/B12/B13/B17/B28a/b Wi-Fi: 2.4/5Ghz |
| Operating Temperature | -30°C ~ + 60°C |
| Storage Temperature | 40°C ~ + 80°C |
| 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 $\bar{I}_0r = 1\mu V / -106.7dBm$ (3G) BER < 0.001 when $\bar{I}_0r = 1\mu V / -106.7dBm$ (4G) BER < 0.001 when $\bar{I}_0r = 1\mu V / -106.7dBm$ |
| Rated Audio Power | 1W |

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

STANDARD ACCESSORIES



Bracket



Power Cable



4G Antenna



GPS Antenna



Hand Microphone KME-231



For more information, please contact:



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