

Rugged-Reliable Two-way Radio



Dual Mode Radio(LTE/4G+Analog)

- Support LTE(4G) and Analog Network
- Dual Antenna, Dual Mode and Dual Standby
- 4G Mode for Worldwide Communication
- Analog Mode with Powerful Output 5W



SE530K

Dual Mode Radio(LTE 4G + Analog 5W)

<http://www.sfecom.cn>

Main Features

- Support LTE(4G) and Analog Network
- Dual Antenna, Dual Mode and Dual Standby
- 4G Mode for Worldwide Communication
- Analog Mode with Powerful Output 5W
- Dual Work, 4G Mode and Analog Mode Selective
- Repeater Mode for 4G and Analog Communication
- Group Call and Individual Call
- REAL PTT Platform for LTE(4G) Version
- With Functional Dispatching System
- GPS Function Optional
- 1.8 Inch Color LCD Display
- Li-ion Battery Capacity 2600mAh
- Emergency Alarm Function
- PC Programmable for Analog
- Superb Clear and Powerful Audio Output

Accessories



Above specifications are tested according to TIA/EIA-603.
Above specifications are subject to change without any notice due to technology enhancement.

General

Working Voltage	3.7V/7.4V DC±10%
Antenna Impedence	50Ω
Battery Capacity	2600mAh
Working Temperature	-30 ~ +60 °C
Audio Output	500mW
Dimension	53*28*116mm
Weight	265g(Battery&Antenna Included)

Analog Part

Channel Capacity	128 Channels
Frequency Range	VHF:136~174MHz / UHF:400~470MHz
Bandwidth	12.5KHz/25KHz
Frequency Error	±2.5ppm

Transmitter

Bandwidth	25KHz	12.5KHz
RF Power	5W/1W	
Modulation	16kφF3E	11kφF3E
Adjacent Channel Power	≥70dB	≥60dB
Spurious Emission	≥40dB	≥36dB
Modulation Limiting	≤5KHz	≤2.5KHz
Audio Response	+1 ~ -3dB	+1 ~ -3dB
Audio Distortion	≤5%	

Receiver

Bandwidth	25KHz	12.5KHz
RX Sensitivity	≤0.25uv	≤0.35uv
Intermodulation	≥65dB	≥60dB
Adjacent Channel Selectivity	≥70dB	≥70dB
Spurious Response Rejection	≥45dB	≥36dB
Audio Response	+1 ~ -3dB	+1 ~ -3dB
Audio Distortion	≤5%	

PoC Part

Frequency Range	LTE_FDD: B1/B3/B7/B8/B20 WCDMA: B1/B8 GSM: B3/B8 Other Bands Customized
Operation System	Linux
RF Power	≤30dBm
RX Sensitivity	LTE ≤ -96dBm WCDMA ≤ -108dBm GSM ≤ -108dBm
Working Mode	Semi-Duplex
Working Temperature	-20 ~ +60 °C
Store Temperature	-30 ~ +80 °C
GPS	Optional

