

# **SE530K**

#### 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)

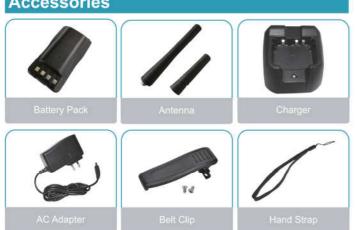
#### http://www.sfecom.cn

265g(Battery&Antenna Included)

#### **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	

#### **Analog Part**

Weight

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Channel Capacity	128 Channels VHF:136~174MHz / UHF:400~470MHz	
Frequency Range		
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
Spurous Response Rejection	≥45dB	≥36dB
Audio Response	+1 ~ -3dB	+1 ~ -3dB
Audio Distortion	≤5%	

#### **PoC Part**

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

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