

Rugged-Reliable Two-way Radio



Dual Mode Radio(LTE/4G+DMR)

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

SE800D

Dual Mode Radio(LTE/4G+DMR)

<http://www.sfecom.cn>

Main Features

- Support LTE(4G) and DMR Digital Network
- Dual Antenna, Dual Mode and Dual Standby
- 4G Mode for Worldwide Communication
- DMR Mode with Powerful Output 5W
- Dual Work, 4G Mode and DMR/Analog Mode Selective
- Repeater Mode for 4G and DMR/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.

SFE Quanzhou SFE Electronic Technology Co.,Ltd
Address: No.15, Chenggong Rd., Daping Industrial Area, Fengze, Quanzhou, Fujian 362000, China

SFE retains the right to change the product design and specifications without notices. If any printing mistake occurs, SFE will not bear any relevant responsibility.

© 2018 SFE Electronic Technology Co.,Ltd.All Rights Reserved.

General

Frequency Range	VHF136-174MHz / UHF400-470MHz
Channel Capacity	1024Channels (16channels*64groups)
Operation Voltage	7.4V DC ± 10%
Battery Capacity	2600mAh(Li-Ion Battery)
Dimension(W*H*D)(Projections excluded)	53*33*116mm

Transmitter (ETSI EN 300 086 Testing Standard)

Bandwidth	12.5KHz
RF Power Output(High/Low)	VHF:5W/1W UHF:4W/1W
Modulation(4FSK)	7K60FXD (Data Only);7K60FXW(Data & Voice)
Spurious Emission	(-) 36dB< 1GHz, (-) 30dB< 1GHz,
Adjacent Channel Power	≥65dB
Hum & Noise	≥45dB
Audio Response	(+)1~-3dB(0.3~3KHz)
Digital Vocorder	AMBE +2™
Modulation Distortion	Less than 3%
Frequency Stability	(+/-)0.5ppm
Digital Protocol	ETSI-TS102 361-1,-2,-3
Modulation Limited	±2.5@12.5KHz;±5.0@25KHz

Receiver (ETSI EN 300 086 Testing Standard)

Sensitivity(12dB SINAD)	Analog: 5% BER: 0.20 V Digital: 5% BER: 0.25 V
Adjacent Channel Selectivity	≥55dB
Intermodulation	≥55dB
Spurious Response Rejection	≥55dB
Audio Response	(+)1~-3dB(0.3~3KHz)
Hum & Noise	≥40dB
Audio Distortion	≤3%
Audio Output	750mW with less than 5% distortion

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 / LTE ≤ -96dBm
Working Temperature	-20 ~ +60 °C
GPS	Optional

Your Local Dealer