

Rugged-Reliable Two-way Radio



Reliable&Durable Digital Mobile Radio

- 32 Channels
- Power Output: 2W
- Small Size and Light Weight
- Powerful Audio Output



SD618A

Handheld Two-way Radio

<http://www.sfecom.cn>

Main Features

- Support Digital/Analog Function
- Side Key Assignment Programmable
- High/Low Power
- VOX
- TOT
- TX Prohibited/RX only
- Busy Channel Lockout
- Emergency Alarm
- Talk Around
- Battery Save
- Write/Read Password
- Priority Scan Mode

Main Features (Digital)

- Individual Call , Group Call , All Call
- Voice Encryption
- Remote Alarm , Remote Monitoring
- Remote Stun , Remote Kill
- Remote Activation

Main Features (Analog)

- CTCSS , DCS

Accessories



General

Frequency Range:	400-480MHz/350-390MHz/136-174MHz
Channel Capacity	32Channels
Zone Space	2Channels
Battery Capacity	1800mAh(Li-Ion Battery)
Operation Voltage	DC: 3.7V ± 10%
Operating Temperature	-20°C ~ +60°C
Frequency Stability	± 0.5ppm
Antenna Impedance	50 Ω
Weight(Antenna & Battery Included)	126g
Dimension(W*H*D)(Projections excluded)	46 × 27 × 90mm

Transmitter (ETSI EN 300 086 Testing Standard)

Output Power	2W/1W
Modulation Limiting	± 2.5@12.5KHz/ ± 5.0@25KHz
Conducted Spurious Emission	-36dBm<1GHz/-30dBm>1GHz
FM Hum&Noise	45/40dB
Audio Distortion	≤3%
Frequency Stability	± 1.5ppm
Analog Modulation	11K φ F3E@12.5KHz/16K φ F3E@25KHz
4FSK Digital Modulation	12.5KHzData: 7K60F10/7K60FXD 12.5KHzVoice: 7K60F1E/7K60FXE
Digital Protocol	ETSI TS 102 361-1,-2,-3

Receiver (ETSI EN 300 086 Testing Standard)

Sensitivity	Analog 12dB SINAD: 0.22 μ V Digital 5% BER: 0.25 μ V
Adjacent Channel Selectivity	65/60dB(25KHz/12.5KHz)
Intermodulation	60/55dB(25KHz/12.5KHz)
Audio Output	≤ 1W
Hum&Noise	40dB

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