

Rugged-Reliabe Two-Way Radio



Reliable&Durable Digital Mobile Radio (DMR/TDMA)

- Dual Mode(Analog & Digital)
- Digital Voice Encryption
- Remote Kill/Activation/Detection
- Voice Recorder(Optional)
- With LgihT Torch



SD920

Handheld Two-way Radio

<http://www.sfecom.cn>

Main Features

- TOT(Time Out Timer)
- Auto Battery Save
- BCL(Busy Channel Lockout)
- Side Key Assignment Programmable
- VOX Function
- Emergency Alert Function
- Talk Around
- Scan Mode

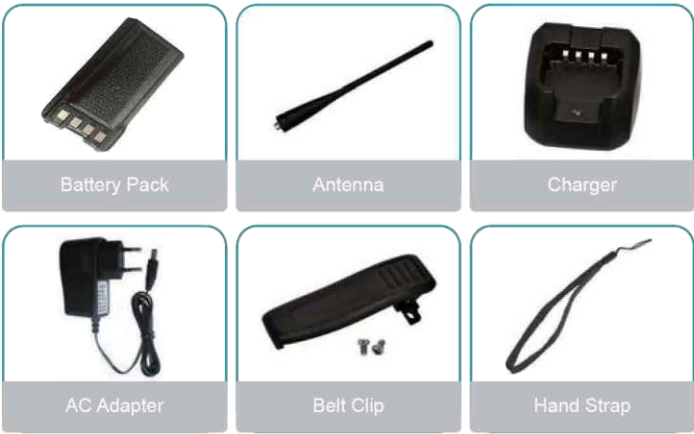
Main Features(Digital)

- Individual Call, Group Call, All Call
- Support SMS
- Remote Kill/Activation/Alarm/Monitoring/Stun
- 2 Time Slot

Main Features(Alalog)

- CTCSS/DCS Code
- DTMF Encode&Decode

Accessories



General

Frequency Range:	400-480MHz/350-390MHz/136-174MHz	
Channel Capacity	32 Channels(16*2 Zones)	
Operation Voltage	7.4V DC ± 10%	
Channel Spacing	Alalog: 25KHz/20KHz/12.5KHz	
	Digital: 12.5KHz	
Antenna Impedance	50Ω	
Battery Capacity	2600mAh(Li-Ion)	
Battery Life (5-5-90 Duty Cycle)	About 15-20 Hours	
Operating Temperature	-20°C - +60°C	
Frequency Stability	± 2.5ppm	
Dimension(W*H*D)(Projections excluded)	119mm*54mm*38mm	
Weight(Antenna & Battery Included)	282g	

Transmitter (ETSI EN 300 086 Testing Standard)

Power Output(High/Low)	5W/1W	
Audio Distortion	≤3%	
Modulation Limited	±2.5@12.5KHz	±5.0@25KHz
Spurious Emission	-36dBm<1GHz	-30dBm>1GHz
Frequency Stability	+/-5ppm	
Hum & Noise	45dB/40dB	
Analog Modulation	11KΦF3E@12.5KHz	16KΦF3E@25KH
4 FSKDigital Modulation	12.5KHz Date:7K60F1D/7K60FXD	
	12.5KHz Voice:7K60F1E/7K60FXE	
Digital Protocol	ETSI TS 102 361-1,-2,-3	

Receiver (ETSI EN 300 086 Testing Standard)

Sensitivity(12dB SINAD)	Analog:12dB SINAD:0.22uV/Digital:5% BER:0.25uV	
Adjacent Channel Selectivity	70/65dB(25KHz/12.5KHz)	
Intermodulation	≥ 65dB	
Spurious Response Rejection	≥ 70dB	
Audio Response	+1~-3dB(0.3~3KHz)	
Hum & Noise	45dB	
Audio Output	≤1W	

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

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