

# **S618PMR**

# Rugged-Reliable Two-way Radio







- Compact and Tough Design
- Power Output: 0.5W
- Battery Save
- Emergency Alert
- Squeclch Tail Elimination
- VOX Function



**Handheld Two-way Radio** 

# http://www.sfecom.cn

# **Main Features**

- 16 Channels
- Power Output: 0.5W
- Small Size and Light Weight
- Fixed Antenna
- CTCSS/DCS Encode & Decode
- Side Key Assignment Programmable
- With Torch Light
- Emergency Alert
- Compact and Fashionable Design
- Easy Operation
- Battery Save
- VOX Function
- Narrow Bandwidth 12.5KHz
- Squelch Tail Elimination
- Size: 46\*27\*99mm

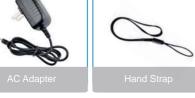
## Accessories











**General** Frequency Range: PMR446MHz **Channel Capacity** 16 Channels Operation Voltage 3.6V DC **Channel Spacing** 12.5KHz(Narrow) Antenna Impedance 50 Ω **Battery Capacity** 1800mAH(Li-Ion Battery) Battery Life (5-5-90 Duty Cycle) About 10 Hours **Operating Temperature** -30°C - +60°C Frequency Stability ± 2.5ppm Dimension(W\*H\*D)(Projections excluded) 46\*27\*99mm Weight(Antenna & Battery Included) 135g

## Transmitter (ETSI EN 300 086 Testing Standard)

| Bandwidth                 | Narrow Band 12.5KHz  |
|---------------------------|----------------------|
| RF Power Output(High/Low) | 0.5W                 |
| Modulation                | 11K ΦF3E             |
| Spurious Emission         | ≥36dB                |
| Adjacent Channel Power    | ≥60dB                |
| Hum & Noise               | ≥36dB                |
| Audio Response            | +1~-3dB(0.3~2.25KHz) |
| Modulation Limiting       | ±2.5KHz              |
| Modulation Distortion     | Less than 5%         |
| Frequency Stability       | +/-5ppm              |

## Receiver (ETSI EN 300 086 Testing Standard)

| Bandwidth                    | Narrow Band 12.5KHz                 |
|------------------------------|-------------------------------------|
| Sensitivity(12dB SINAD)      | ≤ 0.35 µV                           |
| Adjacent Channel Selectivity | ≥60dB                               |
| Intermodulation              | ≥60dB                               |
| Spurious Response Rejection  | ≥70dB                               |
| Audio Response               | +1~-3dB(0.3~2.25KHz)                |
| Hum & Noise                  | ≥36dB                               |
| Audio Distortion             | ≤ 5%                                |
| Audio Output                 | 500mW with less than 10% distortion |
|                              |                                     |

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