

## Rugged-Reliable Dual Band Radio



### Dual Band, Dual Display & Dual Standby

- FM Radio 76-108MHz
- Squelch Tail Elimination Function
- ANI Code(DTMF&5TONE) and PTT ID
- CTCSS/DCS/2TONE/5TONE/DTMF Encode/Decode
- VFO/Channel/Priority/CTCSS/DCS Scan



# S850UV-1

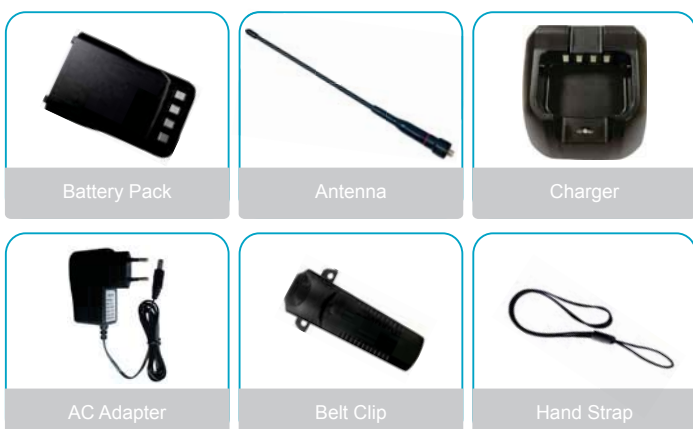
## Dual Band Two-way Radio

<http://www.sfecom.cn>

### Main Features

- Operation Mode: U/U, UV, VV
- Output power 5W/2W/1W
- CTCSS+DCS+2TONE+5TONE + DTMF Encode/Decode
- Channel Steps: 2.5/6.25/10/12.5/15/20/25/30/50KHz
- Multi-Scan Mode: VFO scan+ Channel Scan, Priority Scan, CTCSS Scan +DCS Scan
- Dual Standby
- Wide/Narrow Bandwidth Selective: 25KHz/20KHz/12.5KHz
- VOX Function (10 Levels)
- ANI Code(DTMF&5TONE) and PTT ID
- Squelch Tail Elimination Function
- FM Radio 76-108MHz

### Accessories



### General

Frequency Range	VHF: 136-174MHz 245-246MHz UHF: 400-470MHz 470-520MHz
Channel Capacity	256CH
Channel Spacing	12.5/20/25KHz
Operating Voltage	7.2V DC
Battery Capacity	1800mAh(Li-Ion)
Battery Life(5-5-90 Duty Cycle)	About 17 Hours
Operating Temperature	-30 C ~+60 C
Frequency Stability	±2.5ppm
Antenna Impedance	50Ω
Dimension(H*W*D) (Antenna Excluded)	53x28x104mm
Weight(Antenna & Battery Included)	236g

### Transmitter

Frequency Error	≤ 5 X 10 <sup>-6</sup>
RF Power Output	UHF: 4W/1W VHF: 5W/1W
Modulation Limiting	± 5.0KHz
Spurious Emission	≥ 65dB
Modulation Distortion	Less than 5%

### Receiver

Sensitivity	0.25μV
Adjacent Channel Selectivity	≥ 55dB
Spurious Response Rejection	≥ 55dB
Intermodulation(Wide/Narrow)	≥ 55dB
Audio Output	≥ 250mW
Audio Distortion	≤ 5%

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