

RETGVIS



RT83 Radio

- PTT ID
- CTCSS/DCS
- 2 slot TDMA
- 2 time slot direct mode (DCDM)
- DTMF encode/decode
- Single/group/all call
- High/Low power selectable
- Digital encryption
- PC programmable function
- 1024 channels/64 zone
(max 16 channels Per Zone)
- Man down
- CPS feature
- Call prompt
- Call Detection
- 1750HZ tone
- Remote monitor
- Emergency alarm
- Firmware update
- voice recording fuction
- Contact view and edit
- Message view and edit



RETEVIS RT83

10W IP67 DMR Digital Dual Time UHF Two Way Radio

Main Feature

- GPS optional
- Remote Kill/stun/activate
- Voice prompt
- Power-on protection
- Color LCD display
- Encryption function
- Built-in CTCSS/DCS
- Text messages in digital mode
- Priority scan
- Complying with digital protocol ETSI TS 102 361-1, -2, -3
- Compatible with Mototrbo Tier I & II
- Private call, group call, all call in digital mode
- Operate in both Digital & Analogue mode, allows easily migrate from analog to digital
- Provide clearer voice communications in digital mode, throughout the coverage area
- 10 watt ultra-high output power
- Updated software available for new features

General		Receive		Transmitter	
Frequency range	400-470MHz	Analog sensibility	0.35uV/-116dbm(20db SINDA)	Output power	10W/4W
Channel capacity	1024 channels		0.22uV/-120dbm(type)	Frequency stability	± 1.0ppm
Channel spacing	12.5KHz	Digital sensibility	0.3uV/-117.4dbm (BER5%)	Adjacent channel power	≤-60dbm
Working voltage	7.4V		0.7uV/-110dbm (BER1%)	Free time slot power	TDMA:<-57dBm
Battery capacity	2800mAh(Li-ion)	Common channel Rejection	>-12dB	FM modulation mode	12.5KHz 11K0F3E
Working temperature	-40°C - +85°C	Adjacent channel selectivity	TIA603C:65dB ETSI:60dB	Modulation deviation	2.5KHz@12.5KHz
Antenna impedance	50Ω	Spurious response	TIA603C:75dB ETSI:70dB	Nonactive slot power	-57dBm
Audio output power	<1000mw@16	Audio power	1W	4FSK digital mode	12.5KHz(date only):7K60FXD 12.5KHz(date +voice):7K60FXE
Dimension	148*56*39mm	Audio response	1db- -3db	Modulation BER	<5%
		Rated audio distortion	<3%	Vocoder type	AMBE++

Standard Accessories



RETEVIS

Web: www.retevis.com

E-mail: kam@retevis.com

SHENZHEN RETEVIS TECHNOLOGY CO.,LTD