



# DMR T W O W a y R a d i o

## Dual Band DMR Digital DCDM TDMA RT3S

TOT  
VOX  
Record  
GPS(Optional)  
(TDMA)digital function  
Dual time slot for repeater  
Dual time slot for point to point  
Firmware upgradeable  
Lone worker  
Encryption function  
Compatible with Mototrbo Tier I &  
Single call,group call and all call  
Analog and digital combied  
Remote kill /stun and activate  
Up to 3000 channels  
Transmit interruption  
Emergency Alarm  
Group call match(promiscuous)  
Private call match(promiscuous)

**RETEVIS**



**Dual Band DMR Digital DCDM TDMA**

RT3S dual band digital radio uses Digital Mobile Radio (DMR) Tier 2 Standard protocol. It is compatible with the popular MOTO TRBO series Tier I and II using standard encryption, as well as other makes and models of DMR supported radios. It is also compatible with any existing analog two-way radio operating on the supported UHF and VHF frequencies for easy migration to digital technology.

#### General specifications

Frequency	136-174&400-480MHz
Channels	3000
Frequency Stability	±1ppm
Operating Temperature	-30°C~+60°C
Operating Voltage	7.4V DC
Dimension	131 x 61 x 36mm
Weight	258g (with battery)
Battery Capacity	2000mAh(Li-ion)
Antenna Impedance	50Ω
Vocoder	AMBE++

#### Transmitter

Power	High≤5W, Low≤1W	Analog Sensibility	0.2μV@12dB SINAD
Frequency Stability	±1.0ppm	Digital Sensibility	0.25μV(BER:5%)
Adjacent Channel Power	≤-60dB	Adjacent Channel Selectivity	≤-60dB@12.5KHz
Free Time Slot Power	TDMA:≤57dBm	Intermodulation	≤60dB
Hum and noise	-40dB@12.5KHz	Spurious Response	≥70dB
Modulation maximum deviation	2.5KHz@12.5KHz	Audio Response	+1~3dB
Nonactive slot power	-57dBm	Rated Audio Distortion	<5%
Modulation BER(bit error rate)	≤5%	Rated Audio Power	1W

#### Receiver

#### Standard Accessories



Charger



Adapter



Belt clip



Antenna



Battery



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