



Holy Stone Enterprise Co., Ltd

MO-T15/R10

2.4GHz A/V MODULE

APPLICATIONS & FEATURES

The 2.4GHz A/V Modules use FM modulation technology to provide ISM band wireless audio and video transmission. Multi-channels are specially designed to enhance the function of channel auto-switching as well as digital PLL and μ P Technology.

- **Major applications:**

Wireless Audio/Video Transmission

Wireless Security Surveillance

Door View

- **Features:**

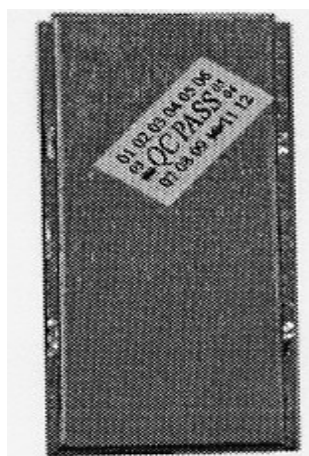
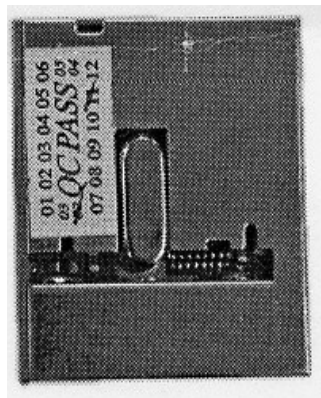
Compact size and low cost (RF & Baseband all-in-one) Quality video and mono/stereo audio transmission

Multi-channel: 4(8) channels

Low power consumption

IR Remote Control Function (Optional)

Channel Memory Function (Optional)



Product Identification

TX	MO-VMT15T-4(8)CHS	10mW;stereo;4(8)ch Push switch selectable
TX	MO-VMT15D-4(8)CHS	10mW;stereo;4(8)ch DIP switch selectable
RX	MO-VMR10T-4(8)CHS	10mW;stereo;4(8)ch Push switch selectable
RX	MO-VMR10D-4(8)CHS	10mW;stereo;4(8)ch DIP switch selectable

Mark:

We have supports 100mW Transmitter modules, The part number is MO-VMT150T-4(8)CHS or MO-VMT150D-4(8)CHS

SPECIFICATIONS

TX MODULE - VMT15T/D

ITEM	SPECIFICATION	REMARK
Tx Power	10dBm	+3/-0dBm
Channel Number	4(8) channels	2.400~2.483GHz
Frequency Stability	±100KHz	Typical
Video Input Level	1Vp-p	Typical
Video Input Impedance	75 Ohm	Typical
Audio Input Level	4Vp-p@1KHz	Typical
Audio Input Impedance	>10K Ohm	1KHz
Supply Voltage	3.3V	± 0.05V
Current Consumption	50mA	Typical
Antenna Port	Half Pitch Pin Header	1.27mm Pitch
Baseband Interface	Half Pitch Pin Header	1.27mm Pitch
Dimensions (mm)	44.5W x 19.8L x 6.8H	
Operating Temperature	-30 ~ 70 ° C	

RX MODULE - VMR10T/D

ITEM	SPEC	REMARK
Rx Sensitivity	-90dBm	+3/-0dBm
Channel Number	4(8) channels	2.400~2.483GHz
Lo Stability	±100KHz	Typical
Video Output Level	1Vp-p@ 75 Ohm load	± 0.1V
Video Output Impedance	75 Ohm	Typical
Video Differential Phase	10 °	Typical
Video Differential Gain	5%	Typical
Audio Output Level	4Vp-p@1KHz	Typical
Audio Output Impedance	1K Ohm	Typical
Audio SNR	45dB@1KHz 4Vp-p	± 3dB
Supply Voltage	5V	± 0.1V
Current Consumption	150mA	Typical
Antenna Port	Half Pitch Pin Header	1.27mm Pitch
Baseband Interface	Half Pitch Pin Header	1.27mm Pitch
Dimensions (mm)	42.5W x 35D x 10.3H	
Operating Temperature	-30 ~ 70 ° C	