

Applications

The HDM-T1 is a HDMI input high definition DVB-T modulator which provide COFDM RF signal in range of 45-860MHz. HDM-T1 is designed to achieve 1080i by using MPEG2 low latency encoding engine and state-of-the-art DVB-T modulation technologies. The HDM-T1 is an excellent choice to transport video/audio signals from TV satellite receivers, surveillance camera or video/media players to a LCD TV or set-top box.



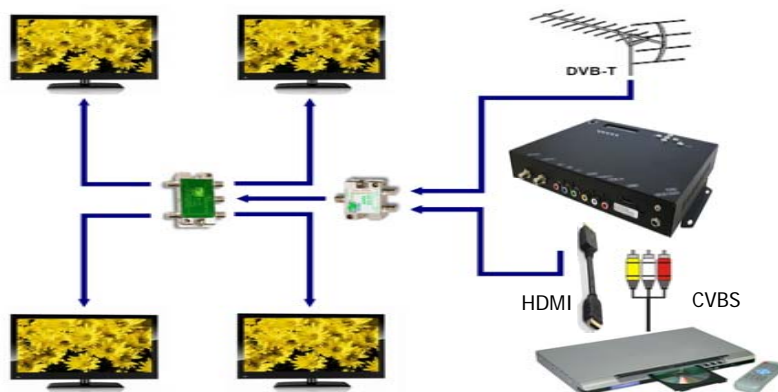
Features

- ◆ Various video input include: HDMI, Component Video (YPbPr) and Composite Video (CVBS)
- ◆ Multiple video format compatibility including 1080i, 720p, 480p and 480i
- ◆ Multiple audio format compatibility including MPEG-1 Layer II
- ◆ Fully comply with DVB-T standard
- ◆ Frequency range : 45~860MHz
- ◆ Programmable video/audio/PCR PID
- ◆ Programmable channel name and logical channel number insertion
- ◆ User friendly setup and control, Remote management through Telnet

Specifications

Video	Input Format	HDMI, Component Video (YPbPr), Composite (CVBS), RCA Jack (75 ohm)
	Encoding Format	MPEG-2 Video (ISO/IEC 13818-2) MP@ML / MP@H-14L / MP@HL
	Video Resolutions	1080i / 720p / 576p / 576i / 480p / 480i
	Connector	RCA (75 Ohm)
Audio	Input Format	Stereo L/R channel
	Encoding Format	MPEG-1 Audio Layer II (ISO/IEC 11172-3)
	Connector	RCA (75 Ohm)
Modulator	Standard	DVB-T (ETSI EN 300 744)
	Bandwidth	6 / 7 / 8 MHz
	Carriers	2K / 8K
	Constellation	QPSK / 16QAM / 64QAM
	Guard Interval	1/4 , 1/8, 1/16, 1/32
	Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
	Frequency Range	45 ~ 860 MHz
	Output Level	75~90dBuV
	MER	38 dB
	System	PID Setting
Channel Name		15 Words
Logical Channel Number		Number up to 1023
Control	Local Operation	LCD Panel
	User Interface	10/100M Ethernet Telnet
General	Dimensions	44mm(H) x 234mm(W) x 204mm(D)
	Weight (typical)	0.8 kg
	Power Source	DC12V (10.5 to 13.0V) SMPS (100-240 VAC/50Hz)

Demonstrations



Please contact us for more information at market@arsman.com.tw