

HD-MOD-001T/C

1080i HD Encodulator

The HD-MOD-001T/C is the digital head-end equipment with encoder and modulator together and it is the standard and high definition DVB-T and DVB-C modulator with YPbPr, CVBS and HDMI inputs. The video resolution can be up to 1080i.

The HD-MOD-001T/C can encode and modulate the video/audio signals from TV satellite receiver, surveillance camera or video/media player to a LCD TV or a set-top box.



- Integration of encoder and DVB-T or DVB-C modulator in one box
- Multiple video interface, composite video (CVBS), component video (YPbPr) and HDMI
- Multiple video format compatibility including 1080i, 720p, 576i, 576p, 480i and 480p
- Multiple audio format compatibility including MPEG-1 Layer II
- Compliant ETSI EN300 744 DVB-T and DVB-C standard
- Frequency range: 50~850MHz
- Programmable PMT/Video/Audio/PCR PID
- Programmable channel name and logical channel number insertion
- User friendly front panel operation and remote internet control by LAN

VIDEO

Input format	CVBS, YPbPr, HDMI
Encoding format	MPEG2 Video (ISO/IEC 13818-2) MPEG2 MP@ML / MPEG2 MP@H-14L / MPEG2 MP@HL
Video resolutions	1080i / 720p / 576i / 576p / 480i / 480p
Connector type	RCA, HDMI: Type A receptacle

AUDIO

Input format	Stereo L/R channel
Encoding format	MPEG-1 Audio Layer II (ISO/TEC 11172-3)
Connector type	RCA, HDMI: Type A receptacle

MODULATOR

Standard	DVB-T (ETSI EN 300 744) / DVB-C
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	50~860MHz
Output level	80dBuV
MER	>38dB

STREAM

PID setting	Video / Audio / PCR / PSI
Service name	At most 15 characters
Logical channel number	Number up to 1023

CONTROL

Local operation	LCD panel and buttons
User interface	Telnet or web browser(10/100M Ethernet)

GENERAL CHARACTERISTICS

Type	Wall mount
Dimensions	44×234×204mm
Power source	DC 12V(10.5-13.0V) SMPS(100-240V AC/50Hz)
Weight	0.8kg
PWR. consumption	10W
Operation temperature	0~60°C