

# HD-MOD-002T

HDMIx2 HD Encodulator

The HD-MOD-002T is the digital head-end equipment with encoder and modulator together and it is the high definition DVB-T modulator with two HDMI inputs. The video resolution can be up to 1080i.

The HD-MOD-002T 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 modulator in one box
- Dual HDMI video inputs
- Multiple video format compatibility including 1080i, 720p, 576p and 480p
- Multiple audio format compatibility including MPEG-1 Layer II
- Compliant ETSI EN300 744 DVB-T standard
- Frequency range: 50~850MHz
- Programmable Video / Audio / PCR / PSI / PSIP(J.83B)
- Programmable channel name and logical channel number insertion
- User friendly front panel operation and remote internet control by LAN

## VIDEO

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

## AUDIO

Input format	HDMI
Encoding format	MPEG-1 Audio Layer II (ISO/IEC 11172-3)
Connector type	HDMI: Type A receptacle

## 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	50~860MHz
Output level	75~90dBuV
MER	Typical 38dB
RF channel	1

## 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