

H-2ADHD-QAM-IP-LL

2 HDMI YPbPr HD Digital TV Modulator QAM, 8-VSB, DVB-T, IPTV, 1080p/60



Thor's dual channel compact encoder modulators are designed for high density digital HDTV channel generation. These systems accept video inputs in all standard HD or SD formats, including component, composite, or HDMI. In addition they also support all other advanced functions normally found on larger 19 in rack systems. Their compact form factor is designed to be a table top/desk mount installation. Supported features include support for HDCP, closed captioning (608 on analog RCA), independent audio input apart from HDMI for audio. For convenience all functions can be set via a keypad and LCD display located on top of the unit. However the ideal method for configuration is provided through any standard web browser.

Two Ethernet network ports are provided, one for configuration and a second for IPTV output. IPTV output is provided in the form of UDP unicast or multicast address outputs with two addresses for single program SPTS outputs and a single address for the combined multi program MPTS stream. For broadcasters, both ASI input and output are provided on BNC terminals. HDTV output is provided on standard 75 ohm Type-F connectors with adjustable RF output power level. The H-2ADHD also is capable of modulating both standards of QAM and 8-VSB, using the highly functional NMS GUI you're capable of using either standard without reprogramming the unit. Contact a sales representative for more information.

Features

- Dual HD or SD channels in compact encoder modulator form factor
- Supports both MPEG-2 or H.264 video encoding codecs
- Supports Dolby AC/3 audio passthrough up 7.1 channels
- Models available for 8-VSB, QAM, or DVB-T Television (unit comes loaded with QAM & 8-VSB modulation standards)
- Supports IPTV output in UDP format for unicast or multicast
- Supports EIA 608 type closed captioning on analog input
- ASI input and multiplexing function provided with ASI output

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Specifications

Input	HD: HDMI & YPbPr up to 1080P60 SD: Analog Composite
Supported Resolutions	720x480P 60 / 59.94 / 50 Hz 1280x720P 60 / 59.94 / 50 Hz 1920x1080I 60 / 59.94 / 50 Hz
Video Codecs	MPEG-2 HD 1.5-19.5 Mbps H.264 HD 0.8-19.5 Mbps
Audio Codecs	MPEG-1 Layer II MPEG-2 AAC MPEG-4 AAC AC3 Dolby Audio Dolby Passthrough
Audio Sample Rate	48 kHz
Audio Bit Rates	64 kbps, 96 kbps, 128 kbps, 192 kbps, 256 kbps, 320 kbps
Modulation Standard	8-VSB, QAM (QAM64 QAM256) , DVB-T, ISDB-T Standards are selectable from front panel, Firmware update is not needed for each standard
RF Frequency Range	30-960 MHz 1 KHz Step
RF Power Level	5-35dBmV Adjustable
DVB-ASI Output	BNC Connector: 1-60 Mbps
DVB-ASI Input	BNC Connector: 1-120 Mbps Programs Selected by PID Programs Muxed to all Outputs
IPTV Output	MPEG-TS MPTS over UDP Unicast and Multicast Supported