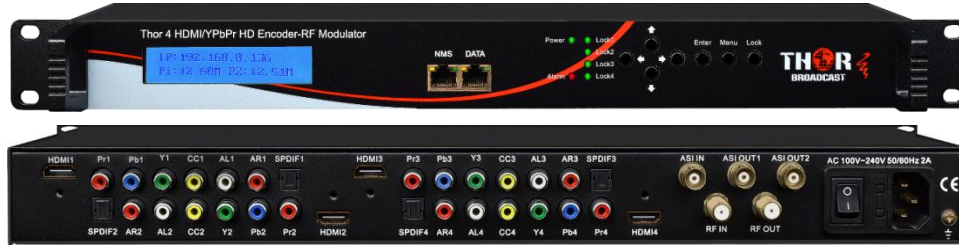


H-4ADHD-QAM-IPLL

4 HDMI & Component HD to COAX and IPTV



The **H-4ADHD-QAM-IPLL** modulator family from Thor broadcast is designed to handle even more applications than any other 4 channel chassis system that has come before. This system has all the previous award winning features found in Thor Broadcast modulators, as well as several new additional functions for added applications and flexibility. The platform provides 5 full RF carrier outputs for generating channels from content ingested through the ASI input. Encoding in either MPEG-2 or H.264 is provided for 4 crystal clear video streams up to 1080p60 each.

Features

- Broadcast over existing Coaxial Cabling to an unlimited number of Televisions with FULL HD
- Broadcast Live HDMI & YPbPr Video as Cable TV & IPTV Channels.
- Licensed HDMI inputs - works with any source like DVD, Blu-Ray, or any STB
- Convert HDMI & Component YPbPr HD Video to HDTV Channels
- Any 1-4 HDMI & YPbPr Inputs up to 720p / 1080i / 1080p
- Licensed HDMI inputs - works with any source like DVD, Blu-Ray, or any STB
- 4 HDMI Cables FREE
- Support DD AC3 (2.0 / 5.1 / 7.1) passthrough (for HDMI interface only)
- Support CC (Closed Caption) EIA608 (from CVBS input)
- 1-4 CATV RF Output up to 4 Adjacent channels
- QAM-256/64, DVB-T & 8-VSB formats available
- Fully IP Control and Network Management through browser
- Front Panel LCD local control
- IPTV Output Unicast or Multicast IGMP UDP, RTP / RTSP
- ASI Output multiplexer with cherry picking
- Low Latency available 70-120ms
- Dolby AC3 or MPEG1/2 Audio Encoding
- MPEG2 or MPEG4 H.264 Video Encoding
- Firmware for 8-VSB, DVB-T, DVB-S2 Available
- VCT (Virtual Channel Table) support for QAM and 8-VSB
- LCN (Logical Channel Number) support
- 5 Years warranty

Specifications

*All Specifications Subject to Change Without Notice	
Input	4 HDMI & 4 YPbPr up to 1080P60 , 4 CVBS up to 480I
Supported Resolutions	1280x720P 60 / 59.94 / 50 Hz 1920x1080I 60 / 59.94 / 50 Hz 1920x1080P 60 / 59.94 / 50 Hz CVBS Input Supports 480I only
Video Codecs	MPEG-2 HD : 1.5-19.5 Mbps H.264 HD : 0.8-19.5 Mbps
Audio Codecs	MPEG-1 Layer II Encoding MPEG-2 AAC Encoding MPEG-4 AAC Encoding AC3 Dolby Encoding also: Support DD AC3 (2.0/5.1/7.1) passthrough for HDMI interface only
Audio Sample Rate	48 kHz
Audio Bit Rates	64 kbps, 96 kbps, 128 kbps, 192 kbps, 256 kbps, 320 kbps
Modulation Standard	QAM - J.83A, J.83B, J.83C. Firmware for 8-VSB or DVB-T ISDBT available
RF Frequency Range	30-960 MHz 1 KHz Step
RF Power Level	5 - 35 dBmV Adjustable
DVB-ASI Output	BNC Connector: 1-60 Mbps MUXED MPTS
DVB-ASI Input	BNC Connector: 1-120 Mbps Programs Selected by PID Programs Muxed to all Outputs
IPTV Output	MPEG-TS MPTS over UDP, RTP/RTSP Unicas, and Multicast Supported 4 separate SPTS's 1 Muxed MPTS
Cables Included	1 to 4 HDMI Cables & Power Cord
Closed Captioning	CC 608 via Analog Input
Power Input	100-240 VAC Auto Switching ~ 20 W
Dimensions	19x17x2 19"Rack mountable 1U high
Weight	9 Pounds
Operating Temperature	32-110 F