



## HDME804

### 8 Program HD Encoder / QAM Modulator

The HDME804 encoder /Modulator takes 8 inputs in either component or HDMI encoded them in MPEG2 or MPEG4 and then modulates them on four QAM outputs (2 HD programs per QAM)



The HDME804 is the perfect solution for anywhere 8 programs need to be encoded and either Modulated on QAM channels, Multiplexed into a I/P output transport steam or output on an ASI which the HDME804 does all at the same time. You can even mix programs in MPEG2 and MPEG4. Since the HDME804 does encode in H.264 (MPEG4) it is idea for IPTV systems where data rates are critical. The inputs to the HDME804 are Component via a DIN Breakout cable (provided) or via HDMI with embedded audio. This allows you to select what is best for your application and you can even mix the two as needed. In addition to a DIN breakout we also have a DIN to DIN cable for connecting to DSS receivers which makes wiring a snap!

The HDME804 features a unique wire management bracket on the rear to hold the HDMI and or DIN cable to prevent accidental disconnection and to keep the cable organized

#### Features:

- 4 QAM outputs (2 HD each)
- MPEG2 or MPEG4 Codec
- EAS Program insert
- ASI Output
- IP Output
- Agile QAM output
- Remote GUI for setup
- Virtual Chanel numbering
- Short program name
- Closed caption Supported (708)
- 45 dBmV RF Output level
- 40 dB MER
- Component or HDMI inputs
- Cable management system
- 36" DIN Breakout cables
- Optional DIN to DIN cables
- 3 Year warranty

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#### Specifications

HDMI	1.4v 8x
DIN	Component / Composite via DIN cable
<b>AUDIO Inputs</b>	
Audio Input	via DIN or HDMI embedded
<b>VIDEO Encoder</b>	
Video Codecs	MPEG-2, H.264 Selectable (per encoder)
Video Resolutions	1080p (H.264 Only), 1080i, 720p, 576p, 576i, 480p, 480i
<b>AUDIO Encoder</b>	
Audio Compression	MPEG-1 Layer II, AAC, Dolby Stereo AC-3
<b>RF QAM SUPPORT</b>	
Frequency	54-864 MHz (CH 2-CH 135)
RF Channel Output (programs/QAM)	8 program / 4 QAMS (2 PER QAM)
QAM	J.83 Annex B
Constellation	256 QAM
Bandwidth	6 MHz
RF Level Output	+45dBmV Typical
MER	>42dB (43 dB Typical)
Interleaver	Supported (12 presets)
Channel Type	STD, HRC, IRC
VCN	VCN Auto, VCN Manual, VCN 1-Part
Attenuation	1 – 20dB (1 db Steps)
RF Output	"F"- Female 75Ω
Closed Captioning Control	Supported
<b>IP Output</b>	
Type	1RJ-45, GbE
Stream Type	UDP/RTP Unicast, Multicast
TS Format	SPTS
Stream Control	Enable / Disable Control per Stream
<b>ASI Output</b>	
Connection	BNC 75Ω (front-end mounted)
Output	MPTS Multiplexed
<b>EAS Support</b>	
Connection	Dry Contact
Audio/Video Input	DIN
<b>Management / Control</b>	
GUI Supported	IE9, FireFox, Chrome, Safari
GUI Control	RJ45 10/100
Password Protected	GUI
<b>General</b>	
Rack mountable (1RU)	482.7mm x 240mm x 44.4mm (19" x 9.45" x 1.75"), 19" EIA
Fan Cooled	Internal
Front Panel	LED System Indicators (Power, 8 Encoder Status LED's)