



# 8 Input QAM Encoder / Modulator

MPEG-2 / H.264 HD Encoder with QAM, IP & ASI Outputs

## Product Specifications



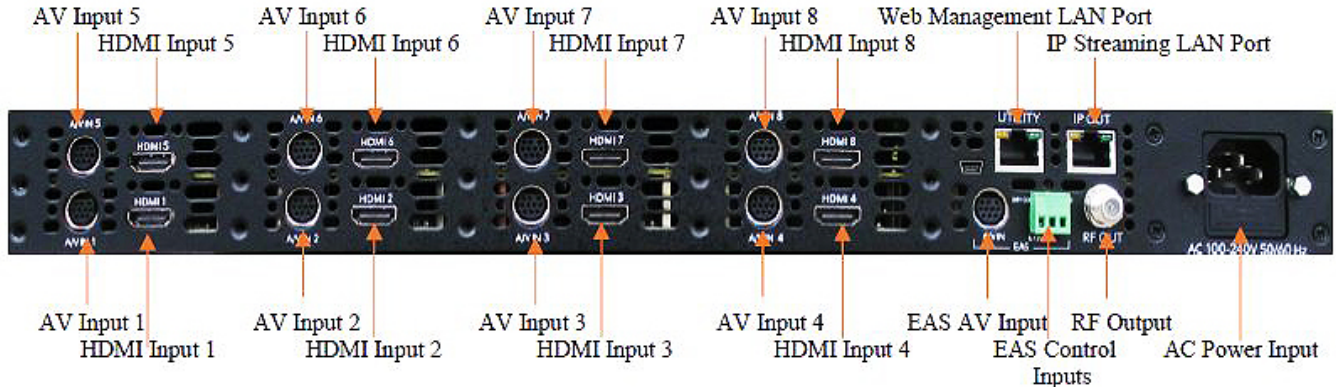
### Description

The Multicom MUL-HDENC-IP-C-8000 Encoder/Modulator simultaneously provides QAM, IP, and ASI output streams making it ideal for any Commercial RF or IP Network integration. The high quality HD design allows for watching action packed movies and sports channels on any HDTV. The Digital Encoding capabilities rounds out this feature rich product. This space saving design delivers up to 8 High Quality HD/SD QAM/IP/ASI channels in a single 1RU space.

### Front Panel



### Rear Panel



### Features

- USA technology built-in for advanced functionality and reliability
- High Resolution up to 1080i/1080p
- Output IP, RF, and/or ASI all at the same time, if desired
- 3 VCN Modes available
- HDMI (unencrypted), Component / Composite via DIN-RCA cable
- MPEG2 or MPEG4 (AVC) Video (Selectable) Output
- Individual IP Stream Enable / Disable Control
- > +40dB MER
- Closed Captioning Support
- +45dBmV Output
- EAS Functionality
- Rack mountable 1RU height

### MUL-HDENC-IP-C-8000-D

└ Dolby (optional)

**www.multicominc.com**

**Multicom, Inc.**  
**Ph: 800-423-2594 / 407-331-7779**  
**Fax: 407-339-0204**  
**Email: multicom@multicominc.com**



# 8 Input QAM Encoder / Modulator

MPEG-2 / H.264 HD Encoder with QAM, IP & ASI Outputs

## Product Specifications

<b>Inputs</b>	
HDMI 1.4v	1.4v (x8 Ports)
DIN-RCA	Component / Composite via DIN-RCA cable (x8 Ports)
<b>Audio Inputs</b>	
Audio Input	via DIN-RCA with RCA or HDMI embedded, AC3 pass through
<b>Video Encoder</b>	
Video Codecs	MPEG-2, MPEG-4 (AVC) Selectable
Video Resolutions	1080p (MPEG-4 Only), 1080i, 720p, 576p, 576i, 480p, 480i
<b>Audio Encoder</b>	
Audio Compression	MPEG-1 Layer II, AAC. Factory optional: AC3
<b>RF QAM Support</b>	
Frequency	54-864 MHz (CH 2-CH 135)
RF Channel Output (programs/QAM)	2 programs / QAM, contiguous. Factory Option: non-contiguous
QAM	J.83 Annex B
Constellation	64 QAM / 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 75 Ohm
Closed Caption 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 75 Ohm (front mounted)
Output	MPTS Multiplexed
<b>EAS Support</b>	
Connection	Dry Contact
Audio/Video Input	DIN-RCA cable with composite/component RCA connectors
<b>Management/Control</b>	
GUI Supported	IE9, FireFox, Chrome, Safari, Edge
Gui Control	RJ45 10/100
Password Protected	GUI and web admin
<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, up to 8 Encoder Status LEDs)

**MUL-HDENC-IP-C-8000-D**

Dolby (optional)

[www.multicominc.com](http://www.multicominc.com)

**Multicom, Inc.**

**Ph: 800-423-2594 / 407-331-7779**

**Fax: 407-339-0204**

**Email: [multicom@multicominc.com](mailto:multicom@multicominc.com)**