

DT-IPTV-QAM-ASI-4HC **4-Input Independent Output Allocation Encoder-Modulator with ASI**



The DT-IPTV-QAM-ASI-4HC Encoder/Modulator provides a dynamic independent DVB-C Annex B QAM output along with 4 IP and ASI (MPTS) streams making it ideal for any commercial RF system. The high quality HD design allows for watching action packed movies and sports channels on any HDTV. The DT-IPTV-QAM-ASI-4HC Encoder/Modulator is a feature rich Digital Encoding platform allowing it to be deployed in a variety of installations. This space saving design delivers up to 4 High Quality HD/SD QAM channels in a single 1RU space.

Features:

- Integrated connection strain relief manager
- 4 Frequency Independent QAM outputs (2 video programs per QAM-Typical)
- High resolution up to 1080i (MPEG-2) / 1080p (H.264)
- 3 VCN (Virtual Channel Number) modes
- GUI for easy setup and control
- HDMI, Component / Composite inputs via DIN cable
- Up to 4 selectable SPTS IP streams
- Up to 4 selectable ASI streams with MPTS output
- MPEG-2 or H.264 (AVC) Video (selectable) output
- EAS functionality
- 43dB typical MER
- Closed captioning support
- +40 dBmV RF Output
- Rack mountable 1RU height

Package Contains:

- DT-IPTV-QAM-ASI-4HC Encoder / Modulator
- One power cable
- Five Mini Din 10pin/6 RCA Cables
- Four HDMI Cables

Technical Specifications

VIDEO/AUDIO INPUTS	
HDMI	X4 HDMI 1.4v
Mini DIN	X4 [Component & Composite Video / Audio input (combined)]
VIDEO FORMATS	
Resolution	1080p (H.264 Only), 1080i, 720p, 576p, 576i, 480p, 480i
VIDEO / AUDIO COMPRESSION	
Video Codes MPEG-2	MP@HL
Video Codecs H.264 (HD)	> 1080p30, HP@Level 4.2 / ≤1080p30, HP@Level 4 >720p30, HP@Level 3.2 / ≤720p30, HP@Level 3.1
Video Codecs H.264 (SD)	Frame rate > 30, MP@Level 3.1 / ≤30, Level 3
Audio Codecs	MPEG-1 Layer II / AAC / AC-3 pass through
VIDEO Bitrate	
MPEG-2	SD: 1 to 8Mbps / HD: 10 to 15.7Mbps
H.264	SD: 1 to 4Mbps / HD: 4 to 8Mbps
RF Output	
Channel Plan	Varies by country
Output Level	+40 dBmV
Output Impedance	75 ohm
Level Adjustment	0~-20dB
Modulation Modes	256 QAM / 64 QAM
QAM Type	DVB-C Annex B
Channel Allocation Type	Independent
VCN Mode	3 Modes supported
MER	43dB typical
IP	
Streaming Protocols	UDP/RTP Unicast, Multicast
Stream Types	4 SPTS
Stream Control	Enable / Disable control per stream
Connector	1 GbE IP stream
ASI Support	
Stream Type	Single output (1 MPTS stream carrying up to 4 programs)
EAS Support	
Connection	Dry contact
Audio/Video Input	DIN
General	
Local Monitoring	LED system indicators (Power & 4 Encoder status LEDs)
Web Management	1 RJ-45 10/100 Management
GUI Supported	Microsoft Edge, Firefox, Chrome, Safari
Password Protected	GUI: Changeable
Fan Cooled	Internal
Power Supply	12VDC 7.5 Amp
Consumption	34W typical
Dimension	482.7mm x 286mm x 44.2mm / 1RU 19" EIA (Housing Body: 438mm x 286mm x 44.2mm)

*Subject to change without notifications