

IPME2-QAM IP/QAM Encoder



The IPME2-QAM is a two program H.264 encoder (MPEG2 as well) that encodes two separate HDMI inputs to a RF output as well as an IP streaming output. RF output is standard QAM (annex A, B, or C) or ATSC (8VSB), DVB-T (COFDM) or ISDB-T. Setup is either by an ethernet interface or front panel controls. Housed in a rugged 1RU aluminum housing.

- 2 HDMI Inputs 1080P-60
- IP RJ45 Port
- 1 QAM (or 8VSB, DVB-T, ISDBT Output)
- Management via Front Panel or Web Browser
- MPEG2, ACC, AAC Audio Formats
- Streaming Output UDP/RTP Unicast or Multicast
- 1RU Rackmount

IPME2-QAM IP/QAM Encoder

Specifications

Encoding Section-Video		
Encoding	MPEG2 H.264	
Interface	2×HDMI	
Resolution	Input	Output
	480i, 576i	Max.1080@30p
	720@50p,720@60p 1080@50i/p,1080@60i/p	
Bit rate	5-19 Mbps Default: 12 Mbps (J.83b)	
Encoding Section-Audio		
Encoding	MPEG-1 Layer2, AAC, AC3	
Sample rate	48KHz	
IP Streaming		
Output	UDP/RTP(Unicast/Multicast) 2xSPTS and 1xMPTS	
Modulator Section		
MER	Typ. 35dB	
RF range	50-950MHz, 1KHz step	
RF output level	40dBmV 100dBμV	
Gain Control	0-30dBmV Attenuation	
Standard	ATSC	
Constellation	8VSB	
Standard	QAM J.83B	
Constellation	64QAM, 256QAM	
System		
Management	LCD + Control buttons/Ethernet	
Language	English	
Upgrade	Ethernet	
General		
Power supply	AC 100-240V 50/60Hz	
Dimensions	19x1.75x6.5" (484×135×44mm)	
Weight	3lbs (1320g)	
Environmental For Operating	Temperature: 40-104°F (°C- 40°C) Relative Humidity: 80% @ 30°C	