

HQAM-1MHD Modulator

High Definition QAM

Amphenol's HQAM-1MHD digital modulator converts digital or standard definition video and audio signals to QAM - with one channel outputting over a single coax line.

Standard features include: closed captioning, adjustable RF output & attenuation, logical channel mapping and a variety of additional configuration options.

Set-up and administration of the HQAM-1MHD may be accomplished by either the LCD panel display or remotely by Ethernet connection and Web application.



HQAM-1MHD LCD Panel Display

Features:

- Multiple Video Resolutions, 1080p, 1080i, 720p, 480p, 480i
- Closed Captioning
- Outputs QAM HD or SD Video Over New and Existing COAX Distribution Systems
- Set Up and Administration Via LCD Panel or by Ethernet with Web Application
- Variable Output Power Level - From 25 - 40 dBmV
- Set-Up Customization for Channel Naming and Line Up Settings



HQAM-1MHD Back Panel



HQAM-1MHDFP Shown (Sold Separately)

Specifications

Input

Video Input	HDMI: 480i, 480p, 720p, 1080i, 1080p
Video Input Level	1.0 V p-p (CVBS)
Video Mode	PAL/ NTSC (CVBS)
Audio Input	HDMI Stereo
Audio Input Level	3 V p-p (L/R)
Input Connectors	HDMI / RCA (Closed Caption)

Output

Frequency Range	57 - 861 MHz (2 - 135)
RF Output Level	40dBmV
Channel Bandwidth	6 MHz
RF Level Adjustment	0dB ~ -30dB
Attenuation Step	1dB per Step
MER	35dB Typical

Modulation

Video Resolution	1080P 25/30 Max
Video Compression	MPEG-2
Audio Compression	MPEG-1 Layer 2, AAC-LC, AC3
Video Bit Rate	18 Mbit/S Max
Audio Bit Rate	384 Kbits
Editable Field	PMT PID, Video PID, Audio PID, Short Name, Long Name, PSIP TSID, Major No, Minor No, Source ID, PSIP TS
QAM	64 QAM / 256 QAM

Management / Control

LCD Control	5 Local Keys on Top Panel
Web Management	RJ-45 Ethernet Port

General

Power Supply	12VDC, 1.0A
USB Power Load	5VDC, 0.5A
Languages	English
Dimension	153.8 x 101.4 x 25.6 mm
Weight	0.375 Kg