

DVQAM-HDM1 / DVQAM-HDM2

Digital QAM Modulators with Component & HDMI Inputs

Features:

- Single channel or Two channel models available
- HDMI, Component & Composite Inputs
- Auto detects inputs
- 3D Compatible
- Dual Mode H.264 / MPEG4 AVC
- Video resolution: up to 1080i for both MPEG2 and MPEG4 (AVC), 1080p for MPEG4 (AVC)
- Perfect, clean, and clear picture on high motion video, sports, text crawls/rolls, etc.
- Front Panel GUI for simple setup
- Rack Mountable for easy installation
- Browser accessible
- Two year warranty

Ordering Information:

DVQAM-HDM1 One channel digital modulator
 DVQAM-HDM2 Two channel digital modulator

Description:

The DVQAM-HDM1 and DVQAM-HDM2 modulator series have been designed to convert high definition video and audio signals to QAM DVB-C (Digital Video Broadcasting over Cable). The Dual Mode DVQAM-HDM1 and DVQAM-HDM2 modulators provide single and dual channel inputs, respectively with input format options for HDMI audio and video, component video, composite video and composite audio. Both units feature programmable channel and network names. Adjustable output, virtual channel mapping and adjustable attenuation are embedded as standard features. Their front panel LCD display and controls allow for easy configuration and adjustment. The DVQAM-HDM1 and DVQAM-HDM2 modulators are perfect for multi-video distribution solutions in the commercial market (sports bars, restaurants, casinos, business and digital signage, etc.) as well as home entertainment systems.



	DVQAM-HDM1	DVQAM-HDM2
INPUT	1-Input	2-Input
Input Connectors	HDMI Input (Video & Audio) YPbPr Component Input (Video) Composite input (Video) Left & Right channel audio inputs	
Video Input Level	0.7 - 1.4V (peak to peak)	
Audio Input	Stereo / Digital	
Audio Input Level	0.4 - 0.8V (peak to peak)	
OUTPUT		
Frequency Range	54-864 MHz (chs. 2-135)	
Output Level	40 dBmV	
Output Impedance	75 Ohms	
Channel Bandwidth	6 MHz	
Channel Level Adjustment	1 - 10dB with +/-0.2dB accuracy, 11-20 dB for reference	
MER	36 dB minimum, 37 dB typical	
MODULATION		
Video Resolution	Up to 1080i for both MPEG2 and MPEG4 (AVC), 1080p for MPEG4 (AVC)	
Video Compression	MPEG2, MP@HL / AVC, MP @ Level 4	
Audio Compression	MPEG1 Layer II / AAC, AC3 Pass through	
Constellations	64/256 QAM	256 QAM
GENERAL		
Power Supply	12VDC, 3A	
Power Consumption	1,300mA (15.6W)	1,700mA (20.4W)
Languages	English	
Dimensions	19" W x 9.45" D x 1.75" H	
Weight	6.83 lbs.	7.05 lbs.