

DMD-400

H.264 Decoder, 3G-SDI, HDMI, VGA, Audio & RS-23/422 Serial Data

DMD-400



Features

- Broadcast quality H.264 decoding
- 3G-SDI, HDMI or VGA video outputs
- Supports RTP, UDP & RTSP streaming
- Resolutions up to 1080P@60 Full HD
- Extremely low latency of 80 ms (with DME-400)
- User friendly, easy to use WebUI
- Bi-directional audio & RS-232/422 serial data
- Unicast or multicast streaming
- Space saving, compact design

The DMD-400 decoder and DME-400 encoder is the perfect solution for high quality, low latency streaming over IP networks. The flexible design allows a wide variety of signal types/video interfaces to be sent over the network. The DMD-400 has 3G-SDI, HDMI and VGA video outputs. Along with video decoding, it supports bi-directional analog stereo audio and RS-232/422 serial data for control. Additionally, it uses a high quality H.264 codec supporting up to 1080p@60, Full HD video decoding at low bit rates. The DMD-400 decoder when paired with the DME-400 encoder can achieve 80 ms latency for live streaming applications. The DMD-400 is the perfect solution for decoding broadcast quality video, audio and RS-232/422 serial data over LAN using UDP or RTP, but is also capable of RTSP streaming for media server applications. Finally, the DMD-400 & DME-400 has the ability to select inputs on the fly by using the select button on the front panel; easily select between any of the connected video source inputs (3G-SDI, HDMI or VGA) and stream over the IP network.

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Models

Model	Description
DMD-400	Single channel decoder, H.264, 3G-SDI, HDMI or VGA, Bi-directional stereo audio, Serial data, Low latency 80ms (with DME-400), Unicast or Multicast, UDP, RTP and RTSP protocols, 12VDC power adapter included

Specifications

Video Specifications	
Outputs	3G-SDI, HDMI and VGA
Output Resolutions (scaling output)	HDMI (VESA) up to 1080P@60 3G-SDI SMPTE standards VGA (VESA) up to 1920x1080p60
Decoding Format	H.264 (MPEG-4 Part 10: AVC) Baseline profile level 4.2
Audio Specifications	
Digital	Linear PCM (44.1 kHz/48 kHz)
Analog	Stereo, 48kHz 16-bit linear PCM
Back Channel	8kHz 16-bit linear PCM
Connectors	3.5mm
Streaming Specifications	
Protocols	UDP (Unicast & Multicast), RTP (Unicast & Multicast) RTSP
Latency	Typical 80 ms (with DME-400 decoder)
Network Specifications	
Interface	RJ45 10/100 Mbps
Mechanical Specification	
Enclosure type	Stand-alone
Dimensions (L x W x H)	4" x 7.25" x 1.5"
Weight	1.5 lbs
Power Specifications	
Power Supply	12VDC@2A
Environmental Specifications	
Operating Temperature	0 to 50 C
Relative Humidity	0 to 90%, non-condensing
Storage Temperature	-30 to 65 C

