

DME-400

H.264 ENCODER, 3G-SDI, HDMI, VGA, AUDIO & RS-232/422 SERIAL DATA



The DME-400 encoder and DMD-400 decoder 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 DME-400 has 3G-SDI, HDMI and VGA video inputs. Along with video streaming, 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 at low bit rates. The DME-400 encoder when paired with the DMD-400 decoder can achieve 80 ms latency for live streaming applications. The DME-400 is the perfect solution for streaming 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 DME-400 & DMD-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.

Features

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



Advanced technologies that connect your AV Network

DME-400

H.264 Encoder, 3G-SDI, HDMI, VGA, Audio & RS-232/422 Serial Data

Models

Model	Description
DME-400	Single channel encoder, H.264, 3G-SDI, HDMI or VGA, Bi-directional stereo audio, RS-232/422 serial data, Low latency 80ms (with DMD-400), Unicast or Multicast, UDP, RTP and RTSP protocols, 12VDC power adapter included

Specifications

Video Specifications	
Inputs	3G-SDI, HDMI and VGA
Input Resolutions	HDMI (VESA) up to 1080P@60 3G-SDI SMPTE standards VGA (VESA) up to 1920x1080p60
Encoding Format	H.264 (MPEG-4 Part 10: AVC) Baseline profile level 4.2
Bit Rate Adjustment	100 Kbps to 30 Mbps
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 DMD-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

