

HE-4002

HDMI® over IP streaming
(H.264)

Features

- 2 High Definition HDMI® inputs
- High Quality: H.264 AVC@HP L4.0
- Video resolutions up to 1080P@60
- Audio encoding format MPEG1 L2, AAC or AC3
- Easy to use Web UI for set up
- High quality video streaming at low bit rates
- Various streaming protocols: UDP Unicast/Multicast, RTP Unicast/Multicast, HLS, HTTP
- Streaming channels: 2 X SPTS or 1 MPTS



front

HE-4002 is a simple, cost effective 2 channel HD encoder solution for high quality, streaming over IP networks. The HE-4002 has 2 HDMI® inputs. Additionally, it uses a high quality H.264 codec supporting up to 1080p@60, Full HD video at low bit rates. HE-4002 is the perfect solution for unicast or multicasting/streaming high quality HD video with audio over LAN using UDP or RTP Unicast/Multicast streaming protocols or can be set up for internet streaming using HLS or HTTP protocols. It can be used for 2 independent IP SPTS or a single MPTS. Finally, its compact design allows for easy mounting on a rack shelf, behind a TV or under desk. The units come standard with 12VDC@2A power supply.



back



Video Specifications	
Input	HDMI®
Input Resolution	720 50/60p, 480i, 576i , 1080 50/60i, 1080 50/60p
Video Encoding	H.264 AVC/HP@L4.0
Video Bitrate	2 to 12 Mbps
Chroma Sampling	4:2:0
Rate Control	CBR/VBR
Levels	3.0, 3.1, 3.2, 4.0, 4.1, 4.2
GOP Structures	IBP/IPPP
Audio Specifications	
Input	HDMI®
Encoding	MPEG 1 L2 AAC AC3
Bitrate	64 to 384 Kbps
Sampling	44.1 and 48 KHz

Network Specifications	
Interface	2 x 1000BASE-T (IP stream and web UI)
Connector	RJ45
Streaming Protocols	UPD/RTP Unicast & Multicast, HLS, HTTP
Streaming Channels	2 x SPTS 1 x MPTS
Mechanical Specifications	
Dimensions	8.66" x 8.11" x 1.73"
Weight	2.2 lbs
Power Specifications	
Power Supply	12VDC@2A
Environmental Specifications	
Operating Temp	5 to 40C
Operating Humidity	80% at 30C



Models	Description
HE-4002	2ch HDMI input, H.264 encoding, HD streaming over IP networks, Includes Tx and 12 VDC power supplies and mounting hardware

