

H4E & H4D

Features

- High quality H.264 encoding
- HDMI 1.3
- Supports UDP & RTP multicast streaming
- Resolutions up to 1080P@60 Full HD
- Easy to use WebUI for streaming set up
- One way IR to control remote sources
- Multicast streaming
- Space saving, compact design



The H4E encoder and H4D decoder is a simple, cost effective solution for high quality, streaming over IP networks. The H4E & H4D has HDMI 1.3 input and output along with one way IR to control remote sources through the network. Additionally, it uses a high quality H.264 codec supporting up to 1080p@60, Full HD video at low bit rates. The H4E & H4D is the perfect solution for multicasting/streaming high quality HDMI video with audio over LAN using UDP or RTP streaming protocols. Finally, its compact, flange mount design allows for easy mounting on a rack shelf, behind a TV or under desk. The units come standard with 5VDC@2A power supplies.



H4E & H4D

H.264 Encoder & Decoder, HDMI 1.3 with IR

Models

Model	Description
H4E	Single channel encoder, H.264, HDMI 1.3, One way IR, Multicast, 10/100 Mbps, UDP or RTP, 5VDC power supply, Stand-alone
H4D	Single channel decoder, H.264, HDMI 1.3, One way IR, Multicast, 10/100 Mbps, UDP or RTP, 5VDC power supply, Stand-alone

Specifications

Video Specifications	
Input/output	HDMI 1.3
Resolution support	up to 1080P@60
Encoding Format	H.264 (MPEG-4 Part 10: AVC)
Bit Rate Adjustment	500 Kbps to 15 Mbps
Audio Specifications	
Digital	embedded in HDMI
Connectors	HDMI
Streaming Specifications	
Protocols	UDP (Multicast) RTP (Multicast)
Latency	Typical 190-240ms @ 720P60 Typical 380-430ms @ 1080P60
Network Specifications	
Interface	RJ45 10/100 Mbps
Mechanical Specification	
Enclosure type	Stand-alone
Dimensions (L x W x H)	4.2" x 3.8" x 1"
Weight	11 ounces
Power Specifications	
Power Supply	5VDC@2A
Environmental Specifications	
Operating Temperature	0 to 40 C
Relative Humidity	20 to 90%, non-condensing
Storage Temperature	-20 to 60 C

