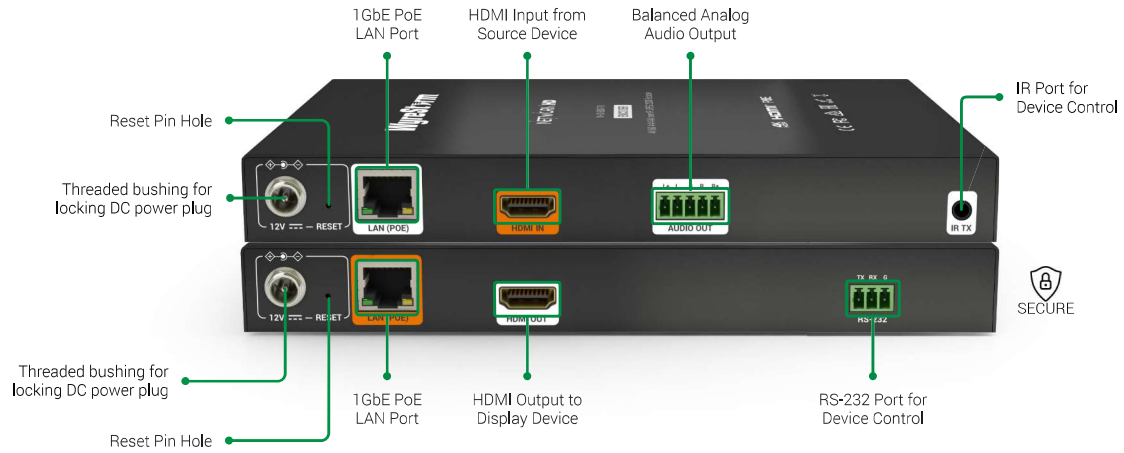


NetworkHD 500 Series (JPEG 2000)

NHD-500-E-TX | NHD-500-E-RX



Key Features

- Supports encoding or decoding full HDMI 2.0 content up to 4K60 4:4:4 8bit
- Compatible with Dolby Vision, HDR10 & HLG content up to 60Hz
- Essential connectivity for streamlined audio and video distribution
- Video wall processing up to a 16x16 with bezel adjustments

In the Box

- 1x NHD-500-E-TX or NHD-500-E-RX
- 1x 3-pin Terminal Block (RX only)
- 1x Pair of Wall Brackets
- 1x Pair of Rack Brackets
- 1x 5-pin Terminal Block (TX only)

Specifications

Audio and Video		
	NHD-500-E-TX	NHD-500-E-RX
Inputs/Outputs	1x HDMI Input 1x 5-Pin Balanced Audio Out	1x HDMI Output
Maximum Pixel Clock	600Mhz	
Video Encoding	JPEG 2000	
Encoding Data Rate	Max: 850Mbps (configurable)	
Max End to End Latency	1 video frame latency (pass-through mode) 16ms @ 4K60 2 video frames latency (scaler/video wall mode)	
Max Video Resolutions	4096x2160p @ 60Hz 8bit 4:4:4 or RGB 3840x2160p @ 60Hz 12bit 4:2:2 Dolby Vision 3840x2160p @ 60Hz 10bit 4:2:2 HDR10/HLG 1920x1080p @ 60Hz 12bit	
Supported Standards	RGB DCI USB	
Communication and Control		
HDMI	HDMI 2.0b HDCP 2.2 EDID CEC ARC	
Network	1x 1GbE RJ45	

RS-232	1x 3-Pin Phoenix 2-way API Programmable (RX only)
IR	1x 3.5mm TX API Programmable (TX only)
Security Protocols	AES 128 SSH TLS HTTPS
Power	
Power Supply	12V DC 1A 802.3af PoE Compliant
Power Consumption	Max 15.4 Average: 8w
Environmental	
Operating Temperature	+32°F ~ +104°F (0°C ~ +45°C) 10% ~ 90% non-condensing
Storage Temperature	-4°F to ~ 140°F (-20°C ~ +70°C) 10% ~ 90% non-condensing
Maximum BTU	51.18 BTU/hr
Dimensions & Weight	Length x Width x Height: 215mm x 120mm x 25mm Weight: 1.68lbs
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC