

WyreStorm NHD-400-TX NetworkHD 400 Series 4K AV over IP JPEG2000 Encoder

Audio and Video	
Inputs	1x HDMI In: 19-pin HDMI type A female
Outputs	1x HDMI Out: 19-pin HDMI type A female 1x Audio Out: 3.5mm (1/8in) TRS Stereo Jack
Output Video Encoding	JPEG-2000
Encoding Data Rate	Max: 850Mbps - Typical: 150~300Mbps
End to End Latency	1 frame latency 720p @60fps: 16ms 1080i @30fps: 33ms 1080p @60fps: 16ms 2160p @30fps: 33ms
Audio Formats	2 Ch LPCM & 8 Ch LPCM 5.1 Ch LPCM (Dolby, Dolby Pro Logic, DTS) 7.1 Ch LPCM (Dolby TrueHD, DTS-HD, Dolby Atmos, DTS:X)
Video Resolutions (Max)	HDMI 640x480i @60Hz 8bit (15m/50ft) 1280x720p @60Hz 10bit (15m/50ft) 1920x1080i @60Hz 12bit (15m/50ft) 1920x1080p @60Hz 12bit (15m/50ft) Input: 3840x2160p @60Hz 4:2:0/4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit (3m/ 9.8ft) Output: 3840x2160p @30Hz 4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit (3m/ 9.8ft) Ethernet (Cat6/6a/7) 640x480i @60Hz 8bit (100m/328ft Point to Point) 1280x720p @60Hz 10bit (100m/328ft Point to Point) 1920x1080i @60Hz 12bit 1920x1080p @60Hz 12bit (100m/328ft Point to Point) 3840x2160p @60Hz 4:2:0/4:4:4 8bit @24Hz 4:2:0 HDR 10bit (100m/328ft Point to Point) Input: 3840x2160p @60Hz 4:2:0/4:4:4 8bit @24Hz 4:2:0 HDR 10bit (100m/328ft Point to Point) Output: 3840x2160p @30Hz 4:4:4 8bit @24Hz 4:2:0 HDR 10bit (100m/328ft Point to Point)
Color Depth	1080p: 16bit 4K UHD: 8bit HDR @24p: 4:2:0 10bit BT.2020
Maximum Pixel Clock	Up to 300 MHz
3D	HDMI 1.4b 3D: TnB, SbS, F.P
Communication and Control	
HDMI	HDCP 2.2 CEC
Ethernet	1x LAN (PoE): 8-pin RJ-45 female 10/100/1000Mbps PoE
IR	1x IR TX: 3.5mm (1/8in) TS Mono Jack 1x IR RX: 3.5mm (1/8in) TRS Stereo Jack Bidirectional Over Ethernet
RS-232	1x RS-232: 4-pin Phoenix Connector 2 Way (RX only)
Power	
Power Supply	12V DC 1A
PoE	Standard
Max Power Consumption	15W
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
Maximum BTU	51.18 BTU/hr
Dimensions and Weight	
Rack Units Wall Box	0.56U Flat on Shelf 5U in NHD-000-RCK
Height Wit Without Feet	N/A 25mm/0.99in
Width With Without Brackets	250mm/9.85in 220mm/8.67in
Depth With Without Handles	N/A 130.4mm/5.14in
Weight	0.75Kg (unpacked)
Regulatory	
Safety and Emission	CE FCC RoHS