

WyreStorm NHD-600-TRX NetworkHD 600 Series 4K60 4x4x4 10GbE SDVoE Transceiver

AUDIO AND VIDEO

Inputs/Outputs	1 x HDMI 2.0 input 1 x HDMI 2.0 output 1 x 5-pin balanced analog audio in/out 1 x 10GbE 8-pin RJ45
Output Video Encoding	SDVoE Pixel Pipeline
Encoding Data Rate	1080p@60Hz 12bit - 3.4Gbps 4K UHD@30Hz 4:4:4 8bit - 6.6Gbps 4K UHD@60Hz 4:4:4 8bit - 9Gbps (with light compression)
End to End Latency (Max)	Genlock Mode: Uncompressed = 30us, Compressed <120us Fast Switch Mode: 1~2 video frames = min. between 16.7 - 33.4ms @ 60fps
Video Resolutions (Max)	4096x2160p @ 60Hz 8bit 4:4:4 or RGB 3840x2160p @ 60Hz 12bit 4:2:2 Dolby Vision 3840x 2160p @ 60Hz 10bit 4:2:2 HDR10/HLG 1920x1080p @60Hz 12bit
Supported Standards	RGB DCI
Maximum Pixel Clock	600 MHz
3D	HDMI 1.4b 3D: TnB, SbS, F.P

COMMUNICATION AND CONTROL

HDMI	HDCP 2.2 & 1.x compliant
Ethernet	1 x 1GbE LAN 8-pin RJ45
RS-232	1x 3-pin Phoenix Connector 2 Way Broadcast Routed API Programmable
Infrared	1 x IR TX 3.5mm TS Mono Jack API Programmable 1 x IR RX 3.5mm TRS Stereo Jack API Programmable
USB	3 x USB 1.1 Type A 1 x USB 1.1 Type B Host

POWER

Power Supply	12V 2A DC PSU 802.3at PoE+ compliant
Max Power Consumption	Max: 24w Average: 10w

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	34 BTU/hr

DIMENSIONS & WEIGHT

Length x Width x Height	140mm x 215mm x 25mm
Weight	1.75lbs

REGULATORY

