

WyreStorm NHD-600-TX NetworkHD 600 Series 4K HDR Premium AV over IP SDVoE Encoder

Inputs	1x DP In: DisplayPort 1.3 1x HDMI In: 19-pin type A 1x Audio In/Out: 3.5mm (1/8in) TRS Stereo
Outputs	1x 10GbE: 8-pin RJ-45 Female 1x Audio In/Out: 3.5mm (1/8in) TRS Stereo
Audio Formats	2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos
Output Video Encoding	SDVoE
Encoding Data Rate	Max: 10Gb/s
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)	2160p @60Hz 8bit 4:4:4 2160p @60Hz 12bit 4:2:2
Color Depth	1080p: 12bit 2160p: 12bit 4:2:2 / 8bit 4:4:4
Maximum Pixel Clock	595 MHz
3D	HDMI 1.4b 3D: TnB, SbS, F.P

Communication and Control

HDMI	HDMI HDCP 2.2
Ethernet	1x 10Gbe SDVoE: 8-pin RJ-45 Female 10GBaseT 1x LAN: 8-pin RJ-45 female 1000BaseT
RS-232	1x RS-232: 4-pin Phoenix Connector 2 Way Broadcast Routed API Programmable
IR	1x IR TX: 3.5mm (1/8in) TS Mono Jack 2 Way Broadcast Routed API Programmable 1x IR RX: 3.5mm (1/8in) TRS Stereo Jack 2 Way Broadcast Routed API Programmable

Power

Power Supply	12V DC 3A
Max Power Consumption	TX: 15.24W RX: 18.64W

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	TX: 52 BTU/hr RX: 63.6 BTU/hr

Dimensions & Weight

Rack Units/Wall Box	<1U
Height With Without Feet	45mm/1.78in 35mm/1.38in
Width With Without Feet	263.6mm/10.38in 230mm/9.06in
Depth With Without Handles	139mm/5.48in
Weight	1.52kg/3.34lbs

Regulatory

Safety and Emission	CE FCC RoHS
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