

WyreStorm NHD-140-TX NetworkHD 100 Series AV over IP H.264 Quad Encoder

Audio and Video

Inputs	4x HDMI In: 19-pin HDMI Type A
Outputs	1x LAN: 8-pin RJ-45 (AV Transmission to RX)
Audio Formats	2ch LPCM 48KHz
Output Video Encoding	H.264
Video Resolutions (Max)	Note: All resolutions listed are 8bit RGB. 1920x1080p @24/25/30/50/60Hz 1920x1080i @25/30Hz 1280x720p @50/60Hz 720x576p @50Hz 720x576i @25Hz 720x480p @60Hz 720x480i @30Hz 1680x1050 1400x1050 1280x1024 1440x900 1280x800 1366x768 1360x768 1024x768 800x600 640x480 @ 60Hz:
Encoding Data Rate	Max: 30Mb/s – per stream (120 Mb/s total)
End to End Latency (Max)	~79ms (low latency mode) ~250ms (high quality mode)
Maximum Pixel Clock	165MHz

Communication and Control

HDMI	HDCP 1.4
Ethernet	1x LAN: 8-pin RJ-45 ANSI/TIA-568 8P8C, 1000Base-T

Power

Power Supply	12V DC
Max Power Consumption	19.44W

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	68 BTU/hr

Dimensions & Weight

Rack Units/Wall Box	<1U flat on shelf 6U in NHD-000-RACK4 1U in NHD-140-RACK-1U
Height	25mm/1in
Width	215mm/8.46in
Depth	260.2mm/10.24in
Weight	1.46kg/3.21lbs

Regulatory

Safety and Emission	CE FCC RCM RoHS
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