

WyreStorm NHD-230-TX NetworkHD Standard H.264 AV over IP Encoder

Audio and Video

Inputs	1x HDMI In 19-pin HDMI type A female
Outputs	1x LAN (PoE) 8-pin RJ-45 female, 10/100/1000Base-T Ethernet port LAN (POE)
Audio Formats	In: RAW (PCM 48KHz) - Out: LPCM (1.6Mb/s); AAC (32~240Kbps)
Output Video Encoding	H.264/MPEG-4 AVC
Video Resolutions (Max)	HDMI 1920x1200 @60Hz 8bit (15m/50ft) 1920x1080p @60Hz 8bit (7m/23ft) Using Cat6 1920x1080p @60Hz 8bit (100m/328ft)
Encoding Data Rate	2~10Mb/s
End to End Latency	Decoder dependent – minimum of 150ms
Color Depth	1080p: 8bit {need to know bit rates for resolutions}
Maximum Pixel Clock	150 MHz
Streaming Formats:	
Encapsulation Format	MPEG-2 transport stream
Transmission Format	TS over UDP TS over RTP
Transmission Method	Unicast Multicast RTP over RTSP
Session control	RTSP (SETUP, TEARDOWN, OPTIONS, PLAY, DESCRIBE)

Communication and Control

HDMI	HDMI 1.4 HDCP 1.4
Ethernet	1x 8-pin RJ-45 female 10/100/1000Base-T PoE

Power

Power Supply	12V DC 1A
PoE	IEEE 802.3af 12V 1A 12.95W
Max Power Consumption	10.5W (DC adapter)

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	35.82 BTU/hr

Dimensions & Weight

Rack Units/Wall Box	1U
Height	43.5mm/1.72in
Width	220mm/8.67in
Depth	178.5mm/7.03in
Weight	1.2Kg

Regulatory

Safety and Emission	CE FCC RoHS
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