

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

## Audio and Video

<b>Inputs</b>	4x HDMI In: 19-pin HDMI Type A
<b>Outputs</b>	1x LAN: 8-pin RJ-45 (AV Transmission to RX)
<b>Audio Formats</b>	2ch LPCM 48KHz
<b>Output Video Encoding</b>	H.264
<b>Video Resolutions (Max)</b>	<b>Note:</b> 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:
<b>Encoding Data Rate</b>	Max: 30Mb/s – per stream (120 Mb/s total)
<b>End to End Latency (Max)</b>	~79ms (low latency mode)   ~250ms (high quality mode)
<b>Maximum Pixel Clock</b>	165MHz

## Communication and Control

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

## Power

<b>Power Supply</b>	12V DC
<b>Max Power Consumption</b>	19.44W

## Environmental

<b>Operating Temperature</b>	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
<b>Storage Temperature</b>	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
<b>Maximum BTU</b>	68 BTU/hr

## Dimensions & Weight

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

## Regulatory

<b>Safety and Emission</b>	CE   FCC   RCM   RoHS
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