

# WyreStorm NHD-600-RX NetworkHD 600 Series 4K HDR Premium AV over IP SDVoE Decoder

<b>Inputs</b>	1x 10GbE: 8-pin RJ-45 Female
<b>Outputs</b>	1x HDMI Out: 19-pin type A 1x Audio Out: 3.5mm (1/8in) TRS Stereo
<b>Audio Formats</b>	2ch PCM   Multichannel: LPCM and Up to DTS-X and Dolby Atmos
<b>Output Video Encoding</b>	SDVoE
<b>Encoding Data Rate</b>	Max: 10Gb/s
<b>End to End Latency (Max)</b>	Genlock Mode: Uncompressed = 30us, Compressed <120us Fast Switch Mode: 1~2 video frames = min. between 16.7 - 33.4ms @ 60fps
<b>Video Resolutions (Max)</b>	2160p @60Hz 8bit 4:4:4 2160p @60Hz 12bit 4:2:2
<b>Color Depth</b>	1080p: 12bit   2160p: 12bit 4:2:2 / 8bit 4:4:4
<b>Maximum Pixel Clock</b>	595 MHz
<b>3D</b>	HDMI 1.4b 3D: TnB, SbS, F.P

## Communication and Control

<b>HDMI</b>	HDMI   HDCP 2.2
<b>Ethernet</b>	1x 10GbE SDVoE: 8-pin RJ-45 Female 10GBaseT   1x LAN: 8-pin RJ-45 female 1000BaseT
<b>RS-232</b>	1x RS-232: 4-pin Phoenix Connector   2 Way   Broadcast   Routed   API Programmable
<b>IR</b>	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

<b>Power Supply</b>	12V DC 3A
<b>Max Power Consumption</b>	TX: 15.24W   RX: 18.64W

## Environmental

<b>Operating Temperature</b>	+32°F ~ +104°F (0°C ~ +45°C)   10% ~ 90% non-condensing
<b>Storage Temperature</b>	-4°F to ~ 140°F (-20°C ~ +70°C)   10% ~ 90% non-condensing
<b>Maximum BTU</b>	TX: 52 BTU/hr   RX: 63.6 BTU/hr

## Dimensions & Weight

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

## Regulatory

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