

# WyreStorm TX-H2X-HDMI HDMI Input/HDBaseT Output and Mirrored HDMI with Audio Input/DSP Output and IR to zone

## Audio and Video

<b>Inputs</b>	1x HDMI In: 19-pin type A 1x HDMI Out: 19-pin type A 1x S/PDIF In: S/PDIF Coaxial Digital
<b>Outputs</b>	1x HDBaseT™ Out: 8-pin RJ-45 female 1x S/PDIF Out: S/PDIF Coaxial Digital 1x Audio Out: 3-pin Phoenix
<b>Output Video Encoding</b>	HDBaseT™ Class A
<b>Encoding Data Rate</b>	9.2 Gbps
<b>End to End Latency</b>	10µs (micro seconds)
<b>Audio Formats</b>	S/PDIF: 2ch PCM   Multichannel: Up to 5.1 DTS and Dolby Digital HDMI: 2ch PCM   Multichannel: LPCM and Up to DTS-X and Dolby Atmos

<b>Video Resolutions (Max)</b>	<b>Video Resolutions</b>	<b>HDMI</b>	<b>Cat6</b>	<b>Cat6a/7</b>
	1920x1080p @60Hz 12bit 1920x1080p @60Hz 16bit 3840x2160p @60Hz 10bit 4:2:0 HDR 3840x2160p @30Hz 8bit 4:4:4 3840x2160p @60Hz 10bit 4:2:0 HDR 4096x2160p @60Hz 8bit 4:2:0 4096x2160p @60Hz 8bit 4:4:4	15m/49ft 7m/23ft 3m/10ft 7m/23ft 3m/10ft 7m/23ft	100m/328ft 70m/230ft 70m/230ft 70m/230ft NA 70m/230ft NA	100m/328ft 100m/328ft 100m/328ft 100m/328ft NA 100m/328ft NA

<b>Supported Standards</b>	DCI   RGB   HDR   HDR10   Dolby Vision up to 30Hz   HLG   BT.2020   BT.2100
<b>Maximum Pixel Clock</b>	HDMI: 600MHz   HDBaseT™: 297MHz

## Communication and Control

<b>HDMI</b>	HDCP 2.2   EDID   DVI-D supported with adapter (not included)
<b>HDBaseT™</b>	HDMI   HDCP 2.2   EDID   1-way PoH to Receiver   IR RX to Receiver
<b>IR</b>	1x IR RX 3.5mm (1/8in) TRS Stereo   To Receiver over HDBaseT™
<b>RS-232</b>	From Matrix - No Connection on card   Bidirectional over HDBaseT™
<b>Ethernet</b>	From Matrix - No Connection on card   Bidirectional over HDBaseT™
<b>ARC (Audio Return Channel)</b>	Returns audio from displays built-in applications via ARC HDMI Input over HDBaseT™ (Requires ARC or SCL Receiver)

## Power

<b>Power Supply</b>	Internal to Matrix
<b>Max Power Consumption</b>	Matrix Dependent
<b>PoH</b>	48V 15.4W

## Environmental

<b>Operating Temperature</b>	Matrix Dependent
<b>Storage Temperature</b>	Matrix Dependent
<b>Maximum BTU</b>	Matrix Dependent

**Regulatory**

**Safety and Emission**

Matrix Dependent