

# SPECIFICATIONS

## Transmission

<b>Transmission Encoding</b>	HDBaseT Class C   PAM16 Encoding
<b>End to End Latency</b>	10µs
<b>Maximum Transmission Bit Rate</b>	10.2Gbps

## Video

<b>HDMI</b>	(v2.0b) TMDS   600MHz Maximum With DSC (Display Stream Compression)
<b>Input</b>	1x HDBT In: 8-pin RJ45
<b>Output</b>	1x HDMI Out: 19-pin Type A Female
<b>Maximum Pixel Clock</b>	HDMI: 600MHz   HDBaseT: 340MHz

	HDMI	Cat6	Cat6a/7	
<b>Video Resolutions (Max)</b>	1920x1080p @60Hz			
	2560x1440p @144Hz	15m/49ft	70m/230ft	100m/328ft
	3840x2160p @60Hz 8bit	15m/49ft	100m/328ft	100m/328ft
	4:4:4	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @60Hz 10bit	5m/16ft	70m/230ft	100m/328ft
	HDR 4:2:0	5m/16ft	70m/230ft	100m/328ft
	3840x2160p @60Hz 12bit HDR 4:2:2			

**Note:** WyreStorm recommends the use of shielded category cable to minimize signal noise and interference.

<b>Supported Standards</b>	DCI   RGB   HDR   HDR10   Dolby Vision up to 30Hz   HLG   BT.2020   BT.2100
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## Audio

<b>Inputs</b>	1x Audio In: 3.5mm (1/8in) TRS Stereo 2ch audio over HDBaseT   1-way to TX
<b>Outputs</b>	1x Audio Out: 3.5mm (1/8in) TRS Stereo 2ch audio over HDBaseT   1-way from RX
<b>Audio Formats</b>	2ch PCM Multichannel LPCM

	DTS-X Dolby Atmos
<b>Maximum Sampling Rate</b>	192KHz
<b>Maximum Audio Channels</b>	32
<b>Audio Return Channel (ARC)</b>	Not Supported

## Communication and Control

<b>USB</b>	1x Type B (host)   4x Type A (device)* USB direction must be set using switch before operation USB hub compatible   Maximum: 7 devices, 23 endpoints Maximum uplink speed: 190Mbps Power: 5V 500ma per port <b>*USB direction must be set using switch before operation</b>
<b>IR</b>	1x IR RX: 3.5mm (1/8in) TRS Stereo   1x IR TX: 3.5mm (1/8in) TS Mono
<b>RS-232</b>	1x RS-232: 3-pin Phoenix
<b>HDCP</b>	Pass-Through, 2.3 Supported
<b>EDID</b>	Pass-Through, RX > TX
<b>Ethernet</b>	>1x Ethernet: 8-pin RJ-45 Female   Bidirectional over HDBaseT 100Mbps Supported
<b>Consumer Electronics Control (CEC)</b>	One-way display trigger from TX
<b>Auto Low Latency Mode (ALLM)</b>	Supported
<b>Variable Refresh Rate (VRR)</b>	Supported

## Power

<b>Power Supply</b>	12V DC 3A
<b>Max Power Consumption</b>	10W
<b>Power-over-HDBaseT (PoH)</b>	Supported, 2-way

## Environmental

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

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**Maximum BTU** 2.93 BTU/hr

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### Dimensions & Weight (Connector Housing)

**Installation** Wall mounted | Free standing

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**Height** 25mm/0.98in

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**Width** 25mm/0.98in

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**Depth** 90mm/3.54in

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**Weight** 0.62kg/1.36lbs

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### Regulatory

**Safety and Emission** CE | FCC | RoHS | RCM | EAC

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