

# SPECIFICATIONS

## Audio and Video

<b>Inputs</b>	1x OM3 In: SFP + Fiber LC Connection
<b>Outputs</b>	1x HDMI Out: 19-pin type A
<b>Video Encoding</b>	TMDS over fiber
<b>Encoding Data Rate</b>	10Gbps
<b>Audio Formats</b>	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>MM OM3</b>
1920x1080p @60Hz 12bit		
1920x1080p @60Hz 16bit		
3840x2160p @24Hz 10bit	15m/49ft	300m/984ft
4:2:0 HDR	7m/23ft	300m/984ft
3840x2160p @30Hz 8bit	3m/10ft	300m/984ft
4:4:4	7m/23ft	300m/984ft
3840x2160p @60Hz 10bit	3m/10ft	300m/984ft
4:2:0 HDR	7m/23ft	300m/984ft
4096x2160p @60Hz 8bit	3m/10ft	300m/984ft
4:2:0		
4096x2160p @60Hz 8bit		
4:4:4		

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
<b>Maximum Pixel Clock</b>	600MHz

## Communication and Control

<b>HDMI</b>	HDMI   HDCP 2.2   EDID   DVI-D supported with adapter (not included)
<b>IR</b>	1x IR RX 3.5mm (1/8in) TRS Stereo   1x IR TX: 3.5mm (1/8in) TS Mono   Bidirectional over OM3
<b>RS-232</b>	1x RS-232: 3-pin Terminal Block -3.5mm   Bidirectional over OM3
<b>Fiber Multimode</b>	HDMI   HDCP 2.2   EDID   Bidirectional IR/RS-232

## Power

<b>Power Supply</b>	12V DC 0.5A
<b>Max Power Consumption</b>	3.5W

## Environmental

<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 70°C (-4°F to 158°F)
<b>Maximum BTU</b>	11.94 BTU/hr

## Dimension and Weight

<b>Rack Units   Wall Box</b>	<1U
<b>Height With   Without Feet</b>	20mm/0.79in
<b>Width With   Without Brackets</b>	150mm/5.91in
<b>Depth With   Without Handles</b>	74.4mm/2.93in
<b>Weight</b>	0.3kg/0.66lbs

## Regulatory

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