

# SPECIFICATIONS

## Audio and Video

|                                 |                                       |
|---------------------------------|---------------------------------------|
| <b>Inputs</b>                   | 1x HDBaseT In 8-pin RJ-45 female      |
| <b>Outputs</b>                  | 1x HDMI 19-pin type A                 |
| <b>Output Video Encoding</b>    | HDBaseT Class B                       |
| <b>Encoding Data Rate</b>       | 9.2Gbps                               |
| <b>End to End Latency (Max)</b> | 10µs (micro seconds)                  |
| <b>Audio Formats</b>            | 2ch PCM   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 16bit   | 7m/23ft     | 70m/230ft   | 70m/230ft      |
|                                | 3840x2160p @60Hz 10bit   | 5m/16ft     | 35m/115ft   | 35m/115ft      |
|                                | 4:2:0 HDR                | 5m/16ft     | 35m/115ft   | 35m/115ft      |
| 4096x2160p @60Hz 8bit          | 5m/16ft                  | 35m/115ft   | 35m/115ft   |                |
| 4:2:0                          |                          |             |             |                |

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

|                            |   |
|----------------------------|---|
| <b>Supported Standards</b> | DCI   RGB   HDR10/10+   HLG   BT.2020   BT.2100 |
| <b>Maximum Pixel Clock</b> | HDMI: 297Mhz   HDBaseT: 297MHz                  |

## Communication and Control

|                |   |
|----------------|---|
| <b>HDMI</b>    | HDCP 2.2   EDID   DVI/D supported with adapter (not included)                             |
| <b>HDBaseT</b> | HDCP 2.2   EDID   PoH 2-way   Bidirectional IR, RS-232                                    |
| <b>IR</b>      | 1x IR TX 3.5mm (1/8in) Mono   1x IR RX 3.5mm (1/8in) Stereo   Bidirectional over HDBaseT™ |
| <b>RS-232</b>  | 1x 3-pin Phoenix Connector   Bidirectional over HDBaseT™                                  |

## Power

|                              |                   |
|------------------------------|-------------------|
| <b>Power Supply</b>          | 12V DC (Optional) |
| <b>PoH</b>                   | 2-way             |
| <b>Max Power Consumption</b> | 7.2W              |

## Environmental

|                              |  |
|------------------------------|--|
| <b>Operating Temperature</b> | 32°F ~ 113°F (0°C ~ 45°C), 10% ~ 90%, non-condensing |
|------------------------------|--|

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|                            |  |
|----------------------------|--|
| <b>Storage Temperature</b> | -4°F to ~ 158°F (-20°C ~ +70°C), 10% ~ 90%, non-condensing |
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|                    |             |
|--------------------|-------------|
| <b>Maximum BTU</b> | 24.6 BTU/hr |
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## Dimensions & Weight

|                            |     |
|----------------------------|-----|
| <b>Rack Units/Wall Box</b> | <1U |
|----------------------------|-----|

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|               |             |
|---------------|-------------|
| <b>Height</b> | 21mm/0.82in |
|---------------|-------------|

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|              |             |
|--------------|-------------|
| <b>Width</b> | 140mm/5.5in |
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|              |             |
|--------------|-------------|
| <b>Depth</b> | 80mm/3.14in |
|--------------|-------------|

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|               |                |
|---------------|----------------|
| <b>Weight</b> | 0.29kg/0.65lbs |
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## Regulatory

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|----------------------------|-----------------------------------|
| <b>Safety and Emission</b> | CE   FCC   RoHS   RCM   EAC   RCM |
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