

# WyreStorm EX-SW-0301-H2 3x1 HDMI/VGA/DP Switching Extender (Transmitter) with Scaling Receiver

|                                  | Transmitter                                                                                                                                                                                                                                                                                                                                                       | Receiver                                                    |
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| <b>Inputs</b>                    | 1x VGA In: 15-pin VGA<br>1x Display Port In: DisplayPort 1.3<br>1x HDMI In: 19-pin type A                                                                                                                                                                                                                                                                         | 1x HDMI In: 19-pin type A<br>1x HDBT In: 8-pin RJ-45 Female |
| <b>Outputs</b>                   | 1x HDBT Out (Class A): 8-pin RJ-45 Female                                                                                                                                                                                                                                                                                                                         | 1x HDMI Out: 19-pin type A<br>1x Audio Out: 3-pin Phoenix   |
| <b>Output Video Encoding</b>     | HDBaseT Class B                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>Encoding Data Rate</b>        | 9.2Gbps                                                                                                                                                                                                                                                                                                                                                           |                                                             |
| <b>End to End Latency</b>        | 10µs (micro seconds)                                                                                                                                                                                                                                                                                                                                              |                                                             |
| <b>Audio Formats</b>             | 2ch Analog/PCM   Multichannel: LPCM                                                                                                                                                                                                                                                                                                                               |                                                             |
| <b>Video Resolutions (Max)</b>   | <b>Video Resolutions</b><br>1920x1080p @60Hz 12bit<br>1920x1200p @60Hz 12 bit<br>3840x2160p @30Hz 8bit 4:4:4<br>4096x2160p @60Hz 8bit 4:2:0<br><b>HDMI</b><br>15m/49ft<br>15m/49ft<br>7m/23ft<br>7m/23ft<br><b>Cat6</b><br>(60m/197ft)<br>(60m/197ft)<br>(35m/115ft)<br>(35m/115ft)<br><b>Cat6a/7</b><br>(70m/230ft)<br>(70m/230ft)<br>(40m/131ft)<br>(40m/131ft) |                                                             |
| <b>Supported Standards</b>       | DCI                                                                                                                                                                                                                                                                                                                                                               |                                                             |
| <b>Maximum Pixel Clock</b>       | HDMI: 600MHz   HDBaseT™: 297MHz                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>Communication and Control</b> |                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>HDMI</b>                      | HDMI   HDCP 2.2  EDID   DVI/D supported with adapter (not included)                                                                                                                                                                                                                                                                                               |                                                             |
| <b>HDBaseT™</b>                  | HDMI   HDCP 2.2   EDID   1-way PoH Receiver to transmitter                                                                                                                                                                                                                                                                                                        |                                                             |
| <b>RS-232</b>                    | 1x RS-232: 3-pin Phoenix (Transmitter and Receiver)                                                                                                                                                                                                                                                                                                               |                                                             |
| <b>Ethernet</b>                  | 1x 8-pin RJ-45 female   IP Control (TELNET)                                                                                                                                                                                                                                                                                                                       |                                                             |
| <b>Relays</b>                    | 2x Relay: 3-pin Phoenix (Receiver Only)                                                                                                                                                                                                                                                                                                                           |                                                             |
| <b>Power</b>                     |                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>Power Supply</b>              | 12V DC 3A                                                                                                                                                                                                                                                                                                                                                         |                                                             |
| <b>Max Power Consumption</b>     | Transmitter: 7W   Receiver: 17W                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>PoH</b>                       | IEEE 802.3af 15.4 W Max   Receiver to Transmitter                                                                                                                                                                                                                                                                                                                 |                                                             |
| <b>Environmental</b>             |                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>Operating Temperature</b>     | 32°F ~ 113°F (0°C ~ 45°C)<br>10% ~ 90%, non-condensing                                                                                                                                                                                                                                                                                                            |                                                             |
| <b>Storage Temperature</b>       | -4°F to ~ 158°F (-20°C ~ +70°C)<br>10% ~ 90%, non-condensing                                                                                                                                                                                                                                                                                                      |                                                             |
| <b>Maximum BTU</b>               | Transmitter: 24 BTU/hr   Receiver: 58 BTU/hr                                                                                                                                                                                                                                                                                                                      |                                                             |
| <b>Dimensions &amp; Weight</b>   |                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>Rack Units/Wall Box</b>       | 1U                                                                                                                                                                                                                                                                                                                                                                |                                                             |
| <b>Height</b>                    | 20mm/1.72in / 25mm/0.99in                                                                                                                                                                                                                                                                                                                                         |                                                             |
| <b>Width</b>                     | 194mm/7.64in / 223mm/8.78in                                                                                                                                                                                                                                                                                                                                       |                                                             |

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|----------------------------|-----------------------------------|
| <b>Depth</b>               | 94mm/3.71in / N/A   74.2mm/2.93in |
| <b>Weight</b>              | .5kg/1.1lbs / 0.94kg/2.07lbs      |
| <b>Regulatory</b>          |                                   |
| <b>Safety and Emission</b> | CE   FCC  RoHS                    |