

SPECIFICATIONS

Transmission

| | |
|--------------------------------------|----------------------------------|
| Transmission Encoding | HDBaseT Class C PAM16 Encoding |
| End to End Latency | 10µs |
| Maximum Transmission Bit Rate | 10.2Gbps |

Video

| | |
|----------------------------|---|
| HDMI | (v2.0b) TMDs 340MHz Maximum |
| Inputs | 2x HDMI In: 19-pin type A 1x USB-C In: USB 3.1c Audio/Video (4.5Gbps) USB-C device charging up to 5v 1A |
| Outputs | 1x HDBT out: 8-pin RJ45 |
| Maximum Pixel Clock | HDMI & HDBaseT: 340MHz |

| | | HDMI | Cat6 | Cat6a/7 |
|--------------------------------|------------------------|-------------|-------------|----------------|
| Video Resolutions (Max) | 1920x1080p @60Hz | | | |
| | 2560x1440p @60Hz | 70m/230ft | 70m/230ft | 100m/328ft |
| | 3840x2160p @30Hz 8bit | 15m/49ft | 100m/328ft | 100m/328ft |
| | 4:4:4 | 7m/23ft | 70m/230ft | 100m/328ft |
| | 3840x2160p @30Hz 10bit | 5m/16ft | 70m/230ft | 100m/328ft |
| | 4:2:0 HDR | 5m/16ft | 70m/230ft | 100m/328ft |
| | 3840x2160p @30Hz 12bit | | | |
| 4:2:2 HDR | | | | |

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

| | |
|----------------------------|---|
| Supported Standards | DCI RGB HDR HDR10 Dolby Vision up to 30Hz BT.2020 |
|----------------------------|---|

Audio

| | |
|----------------------|---|
| Inputs | 1x Audio In: 3.5mm (1/8in) TRS Stereo 2ch audio over HDBaseT 1-way to RX |
| Audio Formats | 2ch PCM Multichannel LPCM DTS-X Dolby Atmos |

| | |
|-----------------------------------|---------------|
| Maximum Sampling Rate | 192KHz |
| Maximum Audio Channels | 32 |
| Audio Return Channel (ARC) | Not Supported |

Communication and Control

| | |
|---|--|
| USB Host (HDMI Inputs) | 1x Type B host Maximum data throughput: 190Mbps |
| USB 3.1c | Alt-mode Supported A/V and USB data from RX |
| RS-232 | 1x RS-232: 4-pin Phoenix Shared with 12v DC input Compatible with WyreStorm TS-280 touchscreen via 4-pin phoenix port (only when using PoH) |
| HDCP | Pass-Through, 2.3 Supported |
| EDID | Pass-Through, from RX |
| Consumer Electronics Control (CEC) | One-way display trigger to RX |
| Auto Low Latency Mode (ALLM) | Supported |
| Variable Refresh Rate (VRR) | Supported |

Power

| | |
|---------------------------------|--------------------------|
| Power Supply | 12V DC 1A (not included) |
| Max Power Consumption | 7.8W |
| Power-over-HDBaseT (PoH) | Supported, 1-way from RX |
| Local Power Supply Input | 4-pin Phoenix |

Environmental

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

Maximum BTU 2.29 BTU/hr

Dimensions & Weight (Connector Housing)

Installation In-wall, 2-gang

Height 105mm/4.13in

Width 89mm/3.5in

Depth 38mm/1.55in

Weight 0.3kg/0.66lbs

Regulatory

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