When HDBT2.0 meets WyreStorm’s presentation switcher platform, the result is a very powerful solution, perfect for corporate meeting & video conference rooms. Multiple I/O’s, condition based relays and USB 2.0 extension mean an autonomous experience with no user input required.

Key Features

- Professional switcher/extender for video conference or meeting rooms
- Bidirectional USB2.0 for connection of webcams, smart touchscreens and microphones
- Inputs include HDMI, VGA, DisplayPort and USB-C
- Supports source content up to 4K/60 4:2:0
- Receiver includes local HDMI inputs and audio breakout
- Automatic or manual CEC triggering for compatible connected screens or projectors

In the Box

1x EX-SW-0401-H2-PRO Transmitter
1x EX-SW-0401-H2-PRO Receiver
2x 12V DC Power Supply (US/UK/EU)
1x IR Transmitter
1x IR Receiver
4x Mounting Brackets (2x for TX | 2x for RX)
5x 3-pin Screw Down Phoenix Connector
2x 4-pin Screw Down Phoenix Connector
1x Quickstart Guide (This Document)
Specifications

Audio and Video

<table>
<thead>
<tr>
<th>Transmitter</th>
<th>Receiver</th>
</tr>
</thead>
</table>

**Inputs**
- 1x VGA In: 15-pin VGA
- 1x Display Port In: DisplayPort 1.3
- 1x HDMI In: 19-pin type A
- 1x Audio In: 3.5mm (1/8in) TRS Stereo
- 1x Line In: 3.5mm (1/8in) TRS Stereo

**Outputs**
- 1x HDMI Out: 19-pin type A
- 1x HDBT Out: 8-pin RJ-45 Female

**Output Video Encoding**
HDBaseT Class C

**Encoding Data Rate**
9.2Gbps

**End to End Latency**
10μs (micro seconds)

**Audio Formats**
- 2ch Analog/PCM
- Multichannel: LPCM

**Video Resolutions (Max)**

<table>
<thead>
<tr>
<th>Video Resolution</th>
<th>HDMI</th>
<th>Cat6</th>
<th>Cat6a/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>1920x1200p @60Hz 12bit</td>
<td>15m/49ft</td>
<td>150m/492ft</td>
<td>150m/492ft</td>
</tr>
<tr>
<td>1920x1080p @60Hz 12bit</td>
<td>15m/49ft</td>
<td>150m/492ft</td>
<td>150m/492ft</td>
</tr>
<tr>
<td>3840x2160p @30Hz 8bit 4:4:4</td>
<td>7m/23ft</td>
<td>100m/328ft</td>
<td>100m/328ft</td>
</tr>
<tr>
<td>4096x2160p @60Hz 8bit 4:2:0</td>
<td>7m/23ft</td>
<td>100m/328ft</td>
<td>100m/328ft</td>
</tr>
</tbody>
</table>

**Supported Standards**
- DCI
- RGB

**Maximum Pixel Clock**
297MHz

Communication and Control

**HDMI**
- HDMI | HDCP 2.2 | EDID | DVI/D supported with adapter (not included)

**HDBaseT**
- HDMI | HDCP 2.2 | EDID | CEC | 2ch audio | USB

**Ethernet**
- 2x 8-pin RJ-45 female | Web UI | IP Control | Bidirectional over HDBaseT

**RS-232**
- 1x RS-232 (Control): 3-pin Phoenix | 1x RS-232 (Passsthrough): 3-pin Phoenix

**IR**
- 1x IR TX: 3.5mm (1/8in) TS Mono

**Relays**
- 1x Screen UP: 3-pin Phoenix | 1x Screen DWN: 3-pin Phoenix

**USB**
- 1x USB-C: USB 3.1 Audio/Video (Transmitter Only) | 2x USB Host: USB-B | 3x USB Device: USB-A (Transmitter and Receiver)

**Power**

**Power Supply**
- 12V DC 1.5A

**Max Power Consumption**
- Transmitter: 16.5W | Receiver: 16W

Environmental

**Operating Temperature**
- 0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing

**Storage Temperature**
- -20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing

**Maximum BTU**
- Transmitter: 56.3BTU/hr | Receiver: 55BTU/hr

Dimensions and Weight

<table>
<thead>
<tr>
<th>Transmitter</th>
<th>Receiver</th>
</tr>
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</table>

**Rack Units/Wall Box**
- <1U

**Height With | Without Feet**
- 44.5mm/1.76in | 42mm/1.66in

**Width With | Without Brackets**
- 263mm/10.36in | 220mm/8.67in

**Depth With | Without Handles**
- 148.7mm/5.86in | 148.7mm/5.86in

**Weight**
- 0.97kg/2.13lbs

Regulatory

**Safety and Emission**
- CE | FCC | RoHS

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EX-SW-0401-H2-PRO Specification Sheet | 180914
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Right Product for the Right Application.

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.