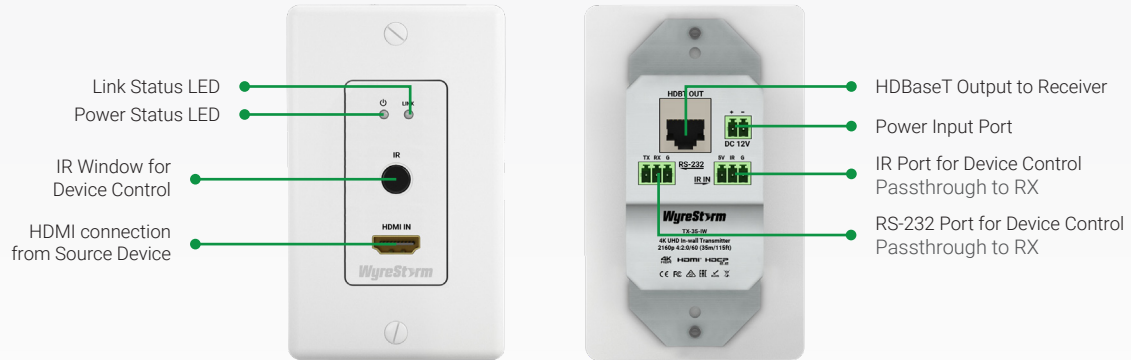


# 4K UHD HDBaseT 1-Gang In Wall Transmitter (4K: 35m/115ft | 1080p: 70m/230ft)

**TX-35-IW**



## Specification Sheet



*WyreStorm - Powerful. Reliable. Simple.*

### Introduction

1-gang 4K UHD In-wall HDBaseT transmitter ideal for classroom, meeting room and any remote input locations where an HDMI source is to be connected. PoH technology allows the TX-35-IW to power over category cable when used with a compatible HDBaseT receiver or when connected to a compatible WyreStorm matrix switcher.

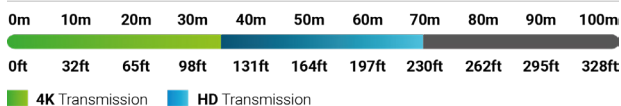
### Key Features

- Slim 1-Gang form factor allows TXs to be installed in discrete locations with limited space
- Low cost solution for simple point-to-point audio and video extension
- POH allows convenient power of the TX over category from compatible RX
- Control signal passthrough that includes bidirectional RS-232 and source to zone IR
- Supports 4K video transmissions up to 35 meters

### In the Box

- 1x 2 pin Phoenix Male Connector
- 2x 3 pin Phoenix Male Connector
- 1x 1-Gang Decora Wall Plate
- Device powers via PoH (12V 2A DC PSU Sold Separately)
- 1x Quickstart Guide (This Document)

#### Cat6 Cable Performance Guide

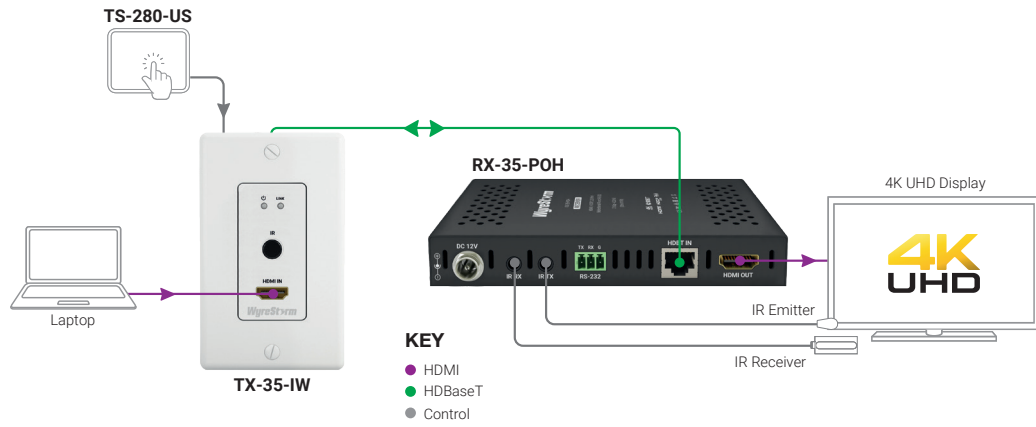


WyreStorm recommends the use of shielded cable to minimize signal noise and interference

# Specifications

|   |   |             |             |                |
|---|---|-------------|-------------|----------------|
| <b>Transmission</b>                       |   |             |             |                |
| <b>Transmission Encoding</b>              | HDBaseT Class B   |             |             |                |
| <b>End to End Latency</b>                 | 10µs  |             |             |                |
| <b>Maximum Transmission Bit Rate</b>      | 10.2Gbps  |             |             |                |
| <b>Audio &amp; Video</b>                  |   |             |             |                |
| <b>HDMI</b>                               | v1.4 TMDS   |             |             |                |
| <b>Inputs</b>                             | 1x HDMI In: 19-pin type A   |             |             |                |
| <b>Outputs</b>                            | 1x HDBT Out: 8-pin RJ45   |             |             |                |
| <b>Maximum Pixel Clock</b>                | 297MHz  |             |             |                |
| <b>Video Resolutions (Max)</b>            | <b>Video Resolution</b>   | <b>HDMI</b> | <b>Cat6</b> | <b>Cat6a/7</b> |
|   | 1920x1080p @60Hz  | 15m/49ft    | 70m/230ft   | 70m/230ft      |
|   | 3840x2160p @60Hz 8bit 4:2:0   | 5m/16ft     | 35m/115ft   | 35m/115ft      |
|   | 3840x2160p @24Hz 10bit 4:2:0 HDR  | 5m/16ft     | 35m/115ft   | 35m/115ft      |
|   | 4096x2160p @60Hz 8bit 4:2:0   | 5m/16ft     | 35m/115ft   | 35m/115ft      |
|   | <b>Note:</b> WyreStorm recommends the use of shielded category cable to minimize signal noise and interference. |             |             |                |
| <b>Supported Standards</b>                | DCI   RGB   HDR10   |             |             |                |
| <b>Audio Formats</b>                      | 2ch PCM   Multichannel LPCM   DTS-X and Dolby Atmos   |             |             |                |
| <b>Maximum Sampling Rate</b>              | 192KHz  |             |             |                |
| <b>Audio Return Channel (ARC)</b>         | Not Supported   |             |             |                |
| <b>Communication and Control</b>          |   |             |             |                |
| <b>HDMI</b>                               | HDCP 2.2   EDID   DVI/D Supported with adapter  |             |             |                |
| <b>IR</b>                                 | Passthrough; Front panel window, Rear 3-pin phoenix   |             |             |                |
| <b>RS-232</b>                             | 1x 3-pin Phoenix, Bi-directional passthrough  |             |             |                |
| <b>EDID</b>                               | Pass-through, from RX   |             |             |                |
| <b>Consumer Electronics Control (CEC)</b> | Not Supported   |             |             |                |
| <b>Auto Low Latency Mode (ALLM)</b>       | Not Supported   |             |             |                |
| <b>Variable Refresh Rate (VRR)</b>        | Not Supported   |             |             |                |
| <b>Power</b>                              |   |             |             |                |
| <b>Power Supply</b>                       | PoH; 12V DC 2A  |             |             |                |
| <b>Max Power Consumption</b>              | 9.3W  |             |             |                |
| <b>Power-over-HDBaseT (PoH)</b>           | Supported, 1-way from RX  |             |             |                |
| <b>Local Power Supply Input</b>           | 2-pin phoenix   |             |             |                |
| <b>Environmental</b>                      |   |             |             |                |
| <b>Operating Temperature</b>              | 0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing  |             |             |                |
| <b>Storage Temperature</b>                | -20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing   |             |             |                |
| <b>Maximum BTU</b>                        | 2.29 BTU/hr   |             |             |                |
| <b>Dimensions and Weight</b>              |   |             |             |                |
| <b>Installation</b>                       | In-wall, 1-gang   |             |             |                |
| <b>Height</b>                             | 105mm/4.13in  |             |             |                |
| <b>Width</b>                              | 45mm/1.77in   |             |             |                |
| <b>Depth</b>                              | 38mm/1.55in   |             |             |                |
| <b>Weight</b>                             | 0.16kg/0.35lbs  |             |             |                |
| <b>Regulatory</b>                         |   |             |             |                |
| <b>Safety and Emission</b>                | CE   FCC   RoHS   RCM   EAC   |             |             |                |

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.