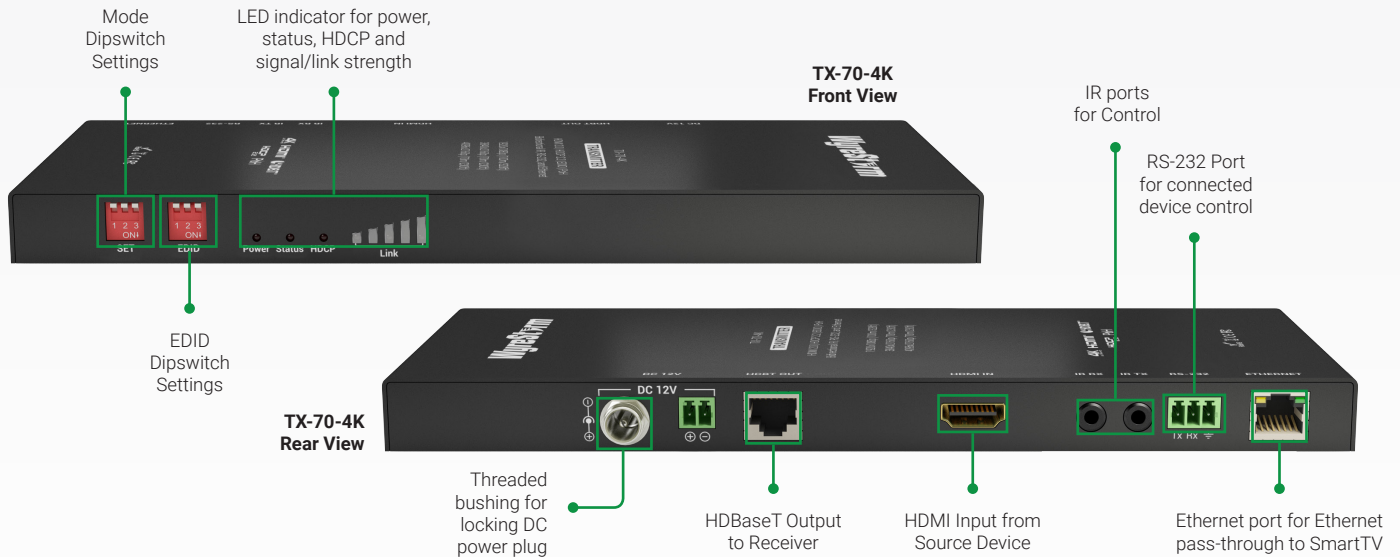


# HDBaseT™ 4K UHD Transmitter (4K: 70m/230ft | 1080p: 100m/328ft)

**TX-70-4K**

# WyreStorm®

## Specification Sheet



WyreStorm - Because the Technology Matters.

## Introduction

For flagship HDBaseT Transmission performance, look no further than the TX-70-4K. Class A HDBaseT transmission means support for 4K UHD content; even HDR-10 @24Hz, up to 70m/230ft. 2-way PoH and EDID management completes this fully-loaded specification.

## Key Features

- Low profile chassis of 18mm / 0.7" for easier, more convenient installations in tight spaces.
- Transmits discrete wide-band bidirectional IR control signal / routed serial commands (from compatible matrix) together within the HDMI signal over a single Cat5e/6
- Robust Class A HDBaseT™ transmission technology for stable 4K/HD distribution and control resistant to electrostatic and environmental interference compared to conventional UTP transmission
- Distribution of video (4K & 1080p), multichannel audio, bidirectional IR, POH power and 10/100 Ethernet over single Cat5e/6
- Multichannel audio supports 7.1 DTS Master HD and Dolby True HD
- HDMI v2.0 with HDCP 2.2
- Full 3D compatibility up to 1080p
- Switchable RS-232 selection for firmware update
- Power options - additional phoenix port and threaded DC for use of both standard and locking DC power plugs
- Visual LED indication for power supply, signal status to show display connection, HDCP in signal and Link between HDBaseT™ devices
- Automatically adjusts feedback, equalization and amplification of signal
- Energy efficient universal power supplies included
- Mounting brackets and IR connections included

## In the Box

1x TX-70-4K Transmitter  
1x 2-pin Phoenix Connectors  
1x 3-pin Phoenix Connectors  
1x Wide-band IR Emitters

1x Wide-band IR Receivers (30-50KHz)  
2x Mounting Brackets (1pr for TX and 1pr for RX)  
1x Quickstart Guide

# Specifications

Audio and Video	
<b>Inputs</b>	1x HDMI In: 19-pin HDMI type A female
<b>Outputs</b>	1x HDBaseT Out: 8-pin RJ-45 female
<b>Output Video Encoding</b>	HDBaseT Class A
<b>Audio Formats</b>	2ch PCM   Up to DTS-X and Dolby Atmos
<b>Video Resolutions (Max)</b>	<b>HDMI</b> 1920x1080p @60Hz 12bit (15m/50ft)   16bit (7m/23ft) 3840x2160p @30Hz 4:4:4 8bit (7m/23ft)   @24Hz 4:2:0 HDR 10bit (3m/9.8ft) 4096x2160p @60Hz 8bit 4:2:0/4:4:4 (7m/23ft)
	<b>Cat6a/7</b> 1920x1080 @60Hz 12bit (100m/328ft)   16bit (100m/328ft) 3840x2160p @30Hz 4:4:4 8bit (100m/328ft)   @24Hz 4:2:0 HDR 10bit (100m/328ft) 4096x2160p @60Hz 4:2:0 8bit (100m/328ft)
	<b>Cat6</b> 1920x1080 @60Hz 12bit (100m/328ft)   16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft)   @24Hz 4:2:0 HDR 10bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft)
<b>Color Depth</b>	1080p: 12bit
<b>Maximum Pixel Clock</b>	297MHz
Communication and Control	
<b>HDMI</b>	HDMI   HDCP 2.2   EDID   DVI/D supported with adapter (not included)
<b>HDBaseT</b>	HDMI   HDCP 2.2   EDID   2-way PoH   Bidirectional IR, RS-232, and Ethernet
<b>IR</b>	1x IR TX 3.5mm (1/8in) TS Mono   Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) TRS Stereo   Bidirectional over HDBaseT
<b>RS-232</b>	1x 3-pin Screw Down Phoenix Connector   Bidirectional over HDBaseT
<b>Ethernet</b>	1x 8-pin RJ-45 female   10/100 Mbps auto-negotiating   Bidirectional over HDBaseT
Power	
<b>Power Supply</b>	Input: 100~240V AC 50/60Hz   Output: 12V DC 2A
<b>Max Power Consumption</b>	26.5W
<b>PoH</b>	48V 15.4W
Environmental	
<b>Operating Temperature</b>	32°F ~ 113°F (0°C ~ 45°C)   10% ~ 90%, non-condensing
<b>Storage Temperature</b>	-4°F to ~ 158°F (-20°C ~ +70°C)   10% ~ 90%, non-condensing
<b>Maximum BTU</b>	90.42 BTU/hr
Dimensions and Weight	
<b>Rack Units/Wall Box</b>	<1U
<b>Height With   Without Feet</b>	24.9mm/0.99in
<b>Width With   Without Brackets</b>	220mm/8.67in
<b>Depth With   Without Handles</b>	89.9mm/3.54in
<b>Weight</b>	0.52kg/1.14lbs
Regulatory	
<b>Safety and Emission</b>	CE   FCC   RoHS

*Right Product for the Right Application.*

