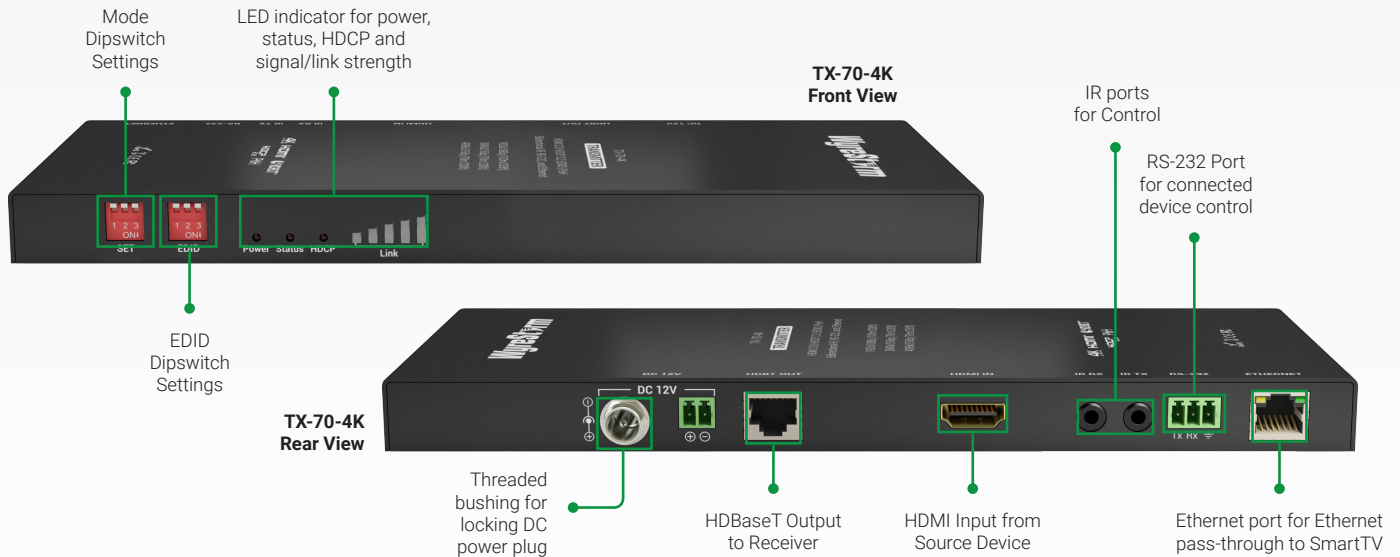


HDBaseT™ 4K UHD Transmitter (4K: 70m/230ft | 1080p: 100m/328ft)

TX-70-4K

WyreStorm®

Specification Sheet



4K HDR | CHDBT™ | HDCP 2.2 | HDMI™ | PoH

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	
Inputs	1x HDMI In: 19-pin HDMI type A female
Outputs	1x HDBaseT Out: 8-pin RJ-45 female
Output Video Encoding	HDBaseT Class A
Audio Formats	2ch PCM Up to DTS-X and Dolby Atmos
Video Resolutions (Max)	HDMI 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)
	Cat6a/7 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)
	Cat6 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)
Color Depth	1080p: 12bit
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 2-way PoH Bidirectional IR, RS-232, and Ethernet
IR	1x IR TX 3.5mm (1/8in) TS Mono Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) TRS Stereo Bidirectional over HDBaseT
RS-232	1x 3-pin Screw Down Phoenix Connector Bidirectional over HDBaseT
Ethernet	1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Bidirectional over HDBaseT
Power	
Power Supply	Input: 100~240V AC 50/60Hz Output: 12V DC 2A
Max Power Consumption	26.5W
PoH	48V 15.4W
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	90.42 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height With Without Feet	24.9mm/0.99in
Width With Without Brackets	220mm/8.67in
Depth With Without Handles	89.9mm/3.54in
Weight	0.52kg/1.14lbs
Regulatory	
Safety and Emission	CE FCC RoHS

Right Product for the Right Application.

