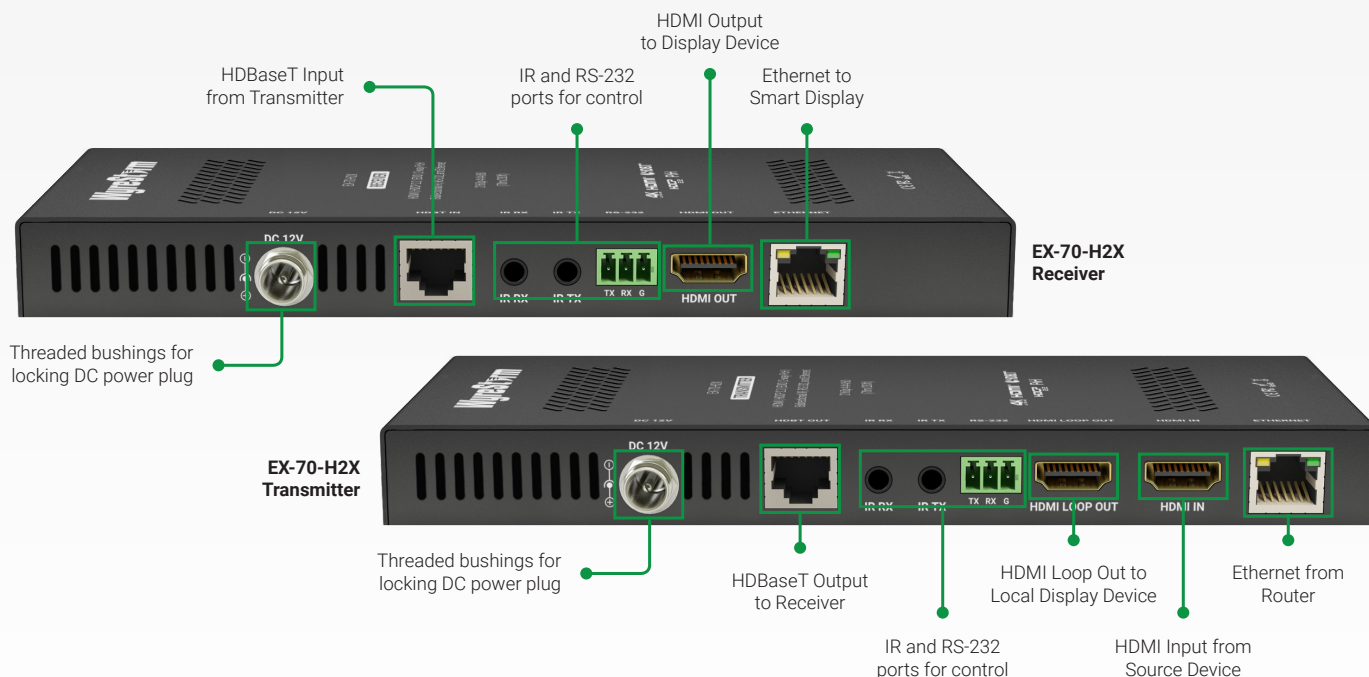


70m/230ft 4K UHD HDBaseT Extender Set with 5Play™

EX-70-H2X

WyreStorm®

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

As our latest flagship HDBaseT™ extender supporting 4K HDR, HDMI 2.0 video standards and HDCP 2.2 encryption, the EX-70-H2X is designed for unrivalled compatibility with the very latest 4K Ultra HD content, sources and displays. Boasting the delivery of 4K UHD video, multichannel audio, two-way IR/RS-232, power and Ethernet with ease, the EX-70-H2X offers unmatched point-to-point delivery and control of stunning 4K HDR content in any AV environment.

Key Features

- 4K UltraHD extender set capable of transmitting AV content over long distances using single cable Cat6 cable
- Supports all high definition resolutions up to and including 4K UHD @30Hz 4:4:4 24bit | 4K HDR @24Hz 4:2:0 10bit (BT.2020)
- Robust Class A HDBaseT™ transmission technology for stable distribution and control of 4K HDR transmission up to 70m/230ft or 1080p @60Hz 36bit up to 100m/328ft
- Revised chipset increases compatibility with new 4K UHD source devices
- Two-way PoH (Power over HDBaseT™) enables either transmitter or receiver to be remotely powered by the other locally powered so mains power connectivity is not required at both source and display location
- Transmits discreet wide-band two-way IR control signal / serial control commands together within HDMI signal over a single Cat5e/6
- EDID adjustment on transmitter (TX)
- Slimline chassis of 25mm for easier, more convenient installations behind screens at display zones.
- 2ch PCM audio and multichannel HD audio supports 7.1, DTS-X and Dolby Atmos
- HDCP 2.2 compliant
- Switchable RS-232 function mode on transmitter and receiver for firmware update
Note: Serial control via RS-232 only supported when connected to a compatible HDBaseT™ transmission device with routable RS-232
- Threaded bushings allow use of both standard and locking 18v DC power plugs
- Visual LED indication for power supply to units, signal status to show established display connection, HDCP presence in signal and HDBaseT™ link between devices
- Cable termination follows IEEE-568B standards
- Automatically adjusts feedback, equalization and amplification of signal for easy installation
- Energy efficient universal power supply included

In the Box

1x EX-70-H2X Transmitter
1x EX-70-H2X Receiver
1x 12V DC 2A Power Supply (US/UK/EU)
2x 2-pin Screw Down Phoenix Connectors
2x 3-pin Screw Down Phoenix Connectors

2x Wide-band IR Emitters
2x Wide-band IR Receivers (30-50KHz)
4x Mounting Brackets
1x Quickstart Guide

Specifications

Audio and Video				
	Transmitter		Receiver	
Inputs	1x HDMI 19-pin type A		1x HDBaseT 8-pin RJ-45 female	
Outputs	1x HDBaseT 8-pin RJ-45 female		1x HDMI 19-pin type A	
Audio Formats	2ch PCM Up to DTS-X and Dolby Atmos			
Video Resolutions (Max)	Resoluton	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 12bit	15m/49ft	100m/328ft	100m/328ft
	1920x1080p @60Hz 16bit	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 4:4:4 8bit	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @24Hz 4:2:0 HDR 10bit	3m/9.8ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	N/A	N/A
Color Depth	1080p: 16bit 4K UHD: 8bit HDR @24p: 10bit BT.2020			
Maximum Pixel Clock	297MHz			
Communication and Control				
HDMI	HDMI 2.0 HDCP 2.2 EDID DVI/D supported with adapter (not included)			
HDBaseT	HDMI 2.0 HDCP 2.2 EDID 2-way PoH Bidirectional IR, RS-232, and Ethernet			
IR	1x IR TX 3.5mm (1/8in) Mono Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) 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	<1U			
Height	24.9mm/0.99in			
Width	220mm/8.67in			
Depth	89.9mm/3.54in			
Weight	0.52kg/1.14lbs			
Regulatory				
Safety and Emission	CE FCC			

Right Product for the Right Application.

