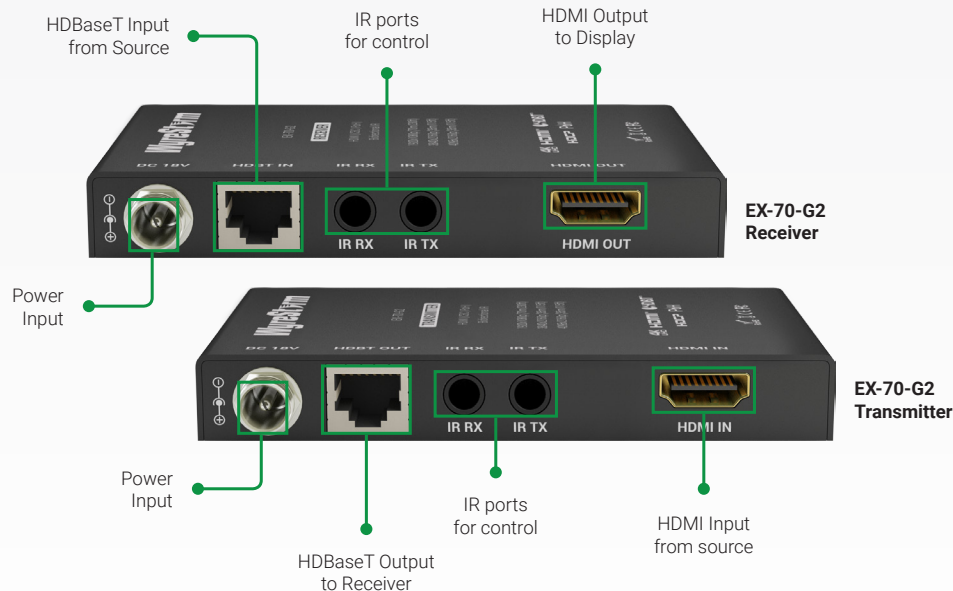


4K UHD HDBaseT™ Extender with HDCP, PoH and CEC Passthrough (4K: 35m/115ft | 1080p: 70m/230ft)

EX-70-G2

WyreStorm

Specification Sheet



4K UHD HDBaseT™ HDMI™ HDCP PoH

WyreStorm - Because the Technology Matters.

Introduction

With unbeatable value and reliability for residential applications foremost in mind, the EX-70-G2 extender features HDBaseT™ Class B technology, extending 4K UHD video, audio and control up to 35m/115ft.

Key Features

- 2K extender set capable of transmitting AV content over medium distances using a single category cable
- HDBaseT™ Class B transmission supporting 1080p @60Hz 36bit up to 70m/230ft
- Extends 1080p HDMI signal to 70m/230ft over Cat5e
- 2ch PCM and multichannel audio supported up to DTS:X and Dolby Atmos
- 2-Way PoH TX or RX to be remotely powered from either end for flexible installation options that reduce potential points of failure from a system
- Bidirectional IR pass-through
- Auto EQ and Auto EDID Management
- Supports CEC communication between devices
- 4K UHD transmissions up to 4096x2160p 60Hz 4:2:0 8bit also supported up to 35m/115ft (Cat6) or 70m/230ft (Cat6a/7)
- Low profile 15mm chassis allows quicker, easier installation behind flush-mounted screens
- Threaded bushings allow use of both standard and locking 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
- Energy efficient universal power supply included

In the Box

1x EX-70-G2 TX/RX
1x 18V DC 1A Power Supply (US | EU | UK)
1x Wide-band IR Emitter

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

Specifications

Audio and Video		
	Transmitter	Receiver
Inputs	1x HDMI 19-pin type A	1x HDBT 8-pin RJ-45 female
Outputs	1x HDBT 8-pin RJ-45 female	1x HDMI 19-pin type A
Audio Formats	2ch PCM Multi Channel up to Dolby Atmos and DTS-X	
Video Resolutions (Max)	HDMI 1920x1080p @60Hz 12bit (15m/50ft) 1920x1080p @60Hz 16bit (7m/23ft) 3840x2160p @30Hz 4:4:4 8bit (7m/23ft) 3840x2160p @60Hz 4:2:0 8bit (7m/23ft) 4096x2160p @60Hz 4:2:0 8bit (7m/23ft)	
	Cat6 1920x1080p @60Hz 8bit (60m/197ft) 1920x1080p @60Hz 12bit (60m/197ft) 3840x2160p @30Hz 4:4:4 8bit (35m/114ft) 4096x2160p @60Hz 4:2:0 8bit (35m/114ft)	
	Cat6a/7 1920x1080p @60Hz 8bit (70m/230ft) 1920x1080p @60Hz 12bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (40m/131ft) 4096x2160p @60Hz 4:2:0 8bit (40m/131ft)	
Color Depth	1080p: 16bit 4K UHD: 8bit	
Maximum Pixel Clock	297MHz	
Communication and Control		
HDMI	HDMI HDCP 1.4 EDID Pass-through CEC Pass-through DVI/D supported with adapter (not included)	
HDBaseT	HDMI HDCP 1.4 EDID Pass-through 2-way PoH Bidirectional IR	
IR	1x IR TX 3.5mm (1/8in) TS Mono 1x IR RX 3.5mm (1/8in) TRS Stereo Transmitted over HDBaseT	
Power		
Power Supply	Input: 100~240V AC 50/60Hz Output: 18V DC 1A	
PoH (2-way)	18V Non-Standard 13W	
Max Power Consumption	8.88W	
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	30.30 BTU/hr	
Dimensions and Weight		
Rack Units/Wall Box	<1U	
Height	15mm/0.6in	
Width	109mm/4.3in	
Depth	64mm/2.5in	
Weight	0.36kg/0.79lbs	
Regulatory		
Safety and Emission	CE FCC RoHS	

Right Product for the Right Application.

