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 video and audio transmissions of 1080p@60Hz 48bit color with multichannel audio up to 70m/230ft.

Two-way PoH is supported enabling TX or RX to be remotely powered from either location for convenient installation. In terms of control, bidirectional IR enables both source and display to be controlled from either end and CEC communication between devices for one-touch on/off commands.

The EX-70-G2 features auto EQ transmission, auto EDID management and support fo 4K to 35m/114ft - all within a slim 15mm chassis for effortless installation behind flush-mounted screens. The result is a flexible, reliable HDMI extension solution with value that's hard to match.

Key Features

- HDBaseT extender – easy to install.
- Extends 1080p HDMI signal to 70m/230ft over Cat5e
- 2-Way PoH provides flexible installation options
- Auto EQ & Auto EDID Management

- Bidirectional IR pass-through
- Supports CEC communication between devices
- Slim 15mm chassis allows installation behind flush-mounted screens.

In the Box

1x EX-70-G2 Transmitter
1x EX-70-G2 Receiver
1x 18V DC 1A Power Supply (US/UK/EU)
1x Wide-band IR Emitters

1x Wide-band IR Receivers (30-50kHz)
4x Mounting Brackets (1pr for TX and 1pr for RX)
1x Quickstart Guide

Specifications

Audio and Video	
Inputs	**Transmitter:** 1x HDMI 19-pin type A | **Receiver:** 1x HDBT 8-pin RJ-45 female
Outputs	**Transmitter:** 1x HDBT 8-pin RJ-45 female | **Receiver:** 1x HDMI 19-pin type A
Output Video Encoding	HDBaseT Class B
Encoding Data Rate	9.2Gbps
End to End Latency	<1 frame
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) 4096x2160p @60Hz 4:2:0 8bit (7m/23ft) | 4096x2160p @60Hz 4:4:4 8bit (7m/23ft) **Using Cat6** 1920x1080p @60Hz 12bit (35m/114ft) | 1920x1080p @60Hz 16bit (35m/114ft) 3840x2160p @30Hz 4:4:4 8bit (35m/114ft) 4096x2160p @60Hz 4:2:0 8bit (35m/114ft) **Using Cat6a/7** 1920x1080p @60Hz 12bit (70m/230ft) | 1920x1080p @60Hz 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft)
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	Transmitter and Receiver 1x IR TX 3.5mm (1/8in) TS Mono | 1x IR RX 3.5mm (1/8in) TRS Stereo | Transmitted over HDBaseT
CEC Pass-through	Yes

Power			Dimensions and Weight	
Power Supply	Input: 100~240V AC 50/60Hz Output: 18V DC 1A		**Rack Units/Wall Box**	0.3U
PoH	2-way | 19v Non-standard 13w PSE		**Height**	15mm/0.6in
Max Power Consumption	8.88W		**Width**	109mm/4.3in
Environmental			**Depth**	64mm/2.5in
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) | 10% ~ 90%, non-condensing		**Weight**	0.36kg/0.79lbs
			Regulatory	
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) | 10% ~ 90%, non-condensing		**Safety and Emission**	CE | FCC | RoHS
Maximum BTU	30.30 BTU/hr			

Right Product for the Right Application.

HDMI Source
HDMI Display
IR Emitter
IR to Control System CAB-IR-LINK (Sold Separately)
IR
HDMI
IR Receiver
IR Emitter
HDMI
18V DC 1A Power Supply
EX-70-G2 Transmitter (TX)
EX-70-G2 Receiver (RX)
PoH HDBaseT Cat6/6a/7

KEY
● HDMI
● HDBaseT Cat5e/6/6a
● IR TX and RX
● Power