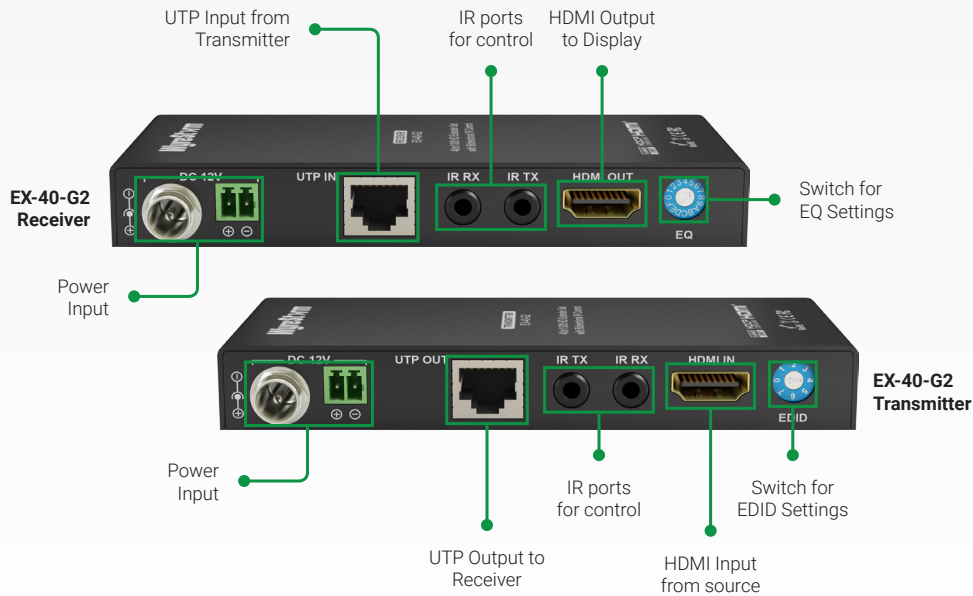


HDMI Extender Set with Bidirectional IR with EQ and EDID management (40m/131ft)

EX-40-G2

WyreStorm

Specification Sheet



HDBT™ HDMI™ HDCP™

WyreStorm - Because the Technology Matters.

Introduction

Think thin with the low profile point-to-point EX-40-G2 extender set supporting full 1080p@60Hz HD video, HD audio and bidirectional IR control over a single Cat5e/6 cable with EDID and distance EQ management all wrapped up in an impossibly thin chassis for unbeatable value, reliability and ease of installation.

Key Features

- Point to point extension of HDMI over UTP supporting 1080p@60hz/24bit video and audio up to 40m/131ft along a single Cat5e/6 cable
- Supports all high definition resolutions: 1080p, 1080i, 720p with screen refresh rates of 24Hz, 30Hz, 50Hz and 60Hz
- Transmits discrete wide-band bidirectional IR control signal together within the HDMI signal over UTP
- Features bidirectional IR pass-through
- Includes wide-band and dual-band IR Receivers for improved IR performance
- Extensive EDID management on Transmitter and EQ management on Receiver for improved communication between connected devices and transmission over cable distances
- Low profile chassis of 17mm / 0.67" for easier, more convenient installations behind screens at display zones
- Full 3D compatibility
- Extenders cascadable up to 7 times within a single output zone (7x 40m/131ft)
- 24bit True Color
- Cable termination follows IEEE-568B standards
- HDCP compliant
- Internal Automatic adjustment of feedback, equalization and amplification of signal for easy installation
- Threaded bushings on allow use of both standard and locking DC power plugs
- Additional power via phoenix connection
- LED indication for visual confirmation of power supply to units and signal status to show established connection between connected devices

In the Box

- 1x EX-40-G2 Transmitter
- 1x EX-40-G2 Receiver
- 2x 12V DC 0.5A Power Supply
- 2x 2-pin Screw Down Phoenix Connectors
- 2x Wide-band IR Emitters

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

Specifications

Audio and Video				
	Transmitter	Receiver		
Inputs	1x HDMI 19-pin type A	1x UTP 8-pin RJ-45 female		
Outputs	1x UTP 8-pin RJ-45 female	1x HDMI 19-pin type A		
Audio Formats	2ch PCM Up to 7.1 DTS-HD Master Audio and Dolby TrueHD			
Video Resolutions (Max)	Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 16bit	15m/49ft	40m/131ft	40m/131ft
Supported Standards	DCI			
Maximum Pixel Clock	297MHz			
Communication and Control				
HDMI	HDCP EDID DVI/D supported with adapter (not included)			
UTP	EDID Bidirectional IR			
IR	Bidirectional over UTP			
Power				
Power Supply	Input: 100~240V AC 50/60Hz Output: 12V DC 0.5A			
Max Power Consumption	5W			
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	17.06 BTU/hr			
Dimensions and Weight				
Rack Units	<1U			
Height	17mm/0.67in			
Width	127mm/5in			
Depth	53.8mm/2.12in			
Weight	0.3kg/0.66lbs			
Regulatory				
Safety and Emission	CE FCC RoHS			

Right Product for the Right Application.

