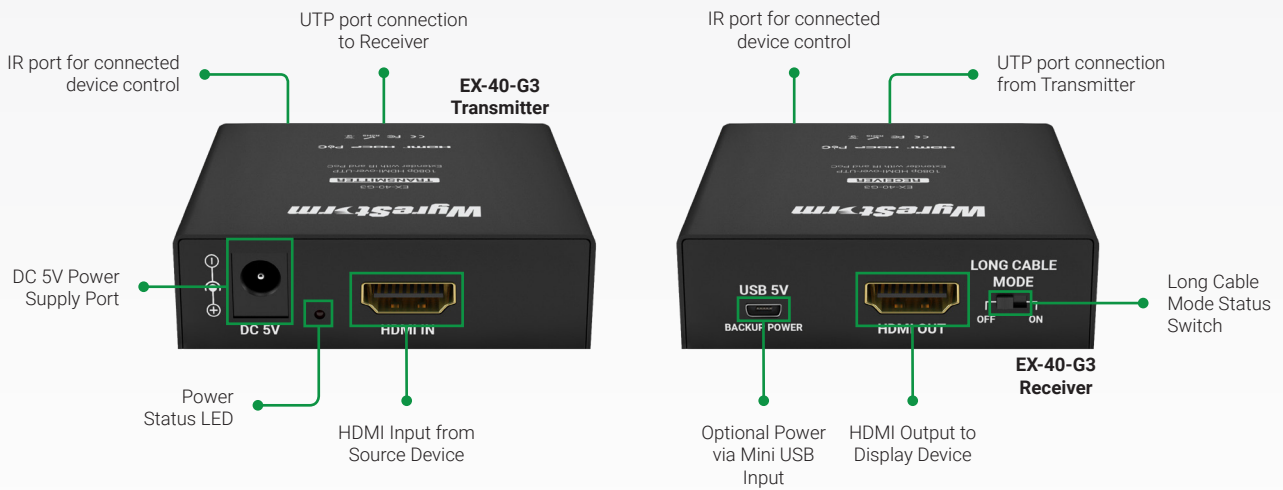


# 1080p HDMI-over-UTP Extender with IR and PoC EX-40-G3



HDMI® HDCP PoC

*WyreStorm - Because the Technology Matters.*

## Introduction

With the low-profile point-to-point EX-40-G3 extender set, it's never been easier to extend full 1080p HD video over a Cat5e cable; HD audio is also supported. Plus with IR source control and PoC (power-over-cable) all wrapped up in a compact chassis for unbeatable value, reliability and ease of installation.

## Key Features

- Transmits 1080p HDMI content over UTP to 40m/131ft
- PoC allows for powering both TX and RX using a single power supply connected to the TX
- IR pass-through RX>TX for source control
- Simple signal equalization via slider switch
- Slim 21mm chassis for discreet installation

## Box Contents

- 1x EX-40-G3 Transmitter
- 1x EX-40-G3 Receiver
- 1x 5V DC 1A Power Supply (US/UK/EU/AU)
- 1x USB-A to Micro-B RX Power Cable
- 1x IR Emitter
- 1x IR Receiver
- 4x Mounting Brackets (2x for TX | 2x for RX)
- 1x Quickstart Guide

# Specifications

Audio and Video					
	Transmitter	Receiver			
<b>Inputs</b>	1x HDMI In: 19-pin type A	1x UTP In: 8-pin RJ-45 Female			
<b>Outputs</b>	1x UTP Out: 8-pin RJ-45 Female	1x HDMI Out: 19-pin type A			
<b>Output Video Encoding</b>	TMDS over UTP				
<b>Encoding Data Rate</b>	6.75Gb/s				
<b>Audio Formats</b>	2ch PCM				
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7	Cat6/6a/7 Long Cable Mode
	1920x1080p @60Hz 8bit	15m/49ft	30m/98ft	30m/98ft	40m/131ft
<b>Supported Standards</b>	DCI				
<b>Maximum Pixel Clock</b>	225MHz				
Communication and Control					
<b>HDMI</b>	HDMI 1.3b   HDCP 1.4   EDID   DVI/D supported with adapter (not included)				
<b>UTP</b>	HDMI   HDCP 1.4   EDID   IR RX-TX   1-way PoC Transmitter to Receiver				
<b>IR</b>	Transmitter: 1x IR TX: 3.5mm (1/8in) TRS Mono   Receiver: 1x IR RX: 3.5mm (1/8in) TRS Stereo				
Power					
<b>Power Supply</b>	5V DC 1A (Optional for Receiver)				
<b>PoC</b>	1-way Transmitter to Receiver				
<b>Max Power Consumption</b>	2.5W (TX/RX Pair)				
Environmental					
<b>Operating Temperature</b>	0 to +45°C (32 to +113 °F), 10% to 90%, non-condensing				
<b>Storage Temperature</b>	-20 to +70°C (-4 to +158 °F), 10% to 90%, non-condensing				
<b>Maximum BTU</b>	8.6 BTU/hr (TX/RX Pair)				
Dimensions and Weight					
<b>Rack Units/Wall Box</b>	<1U				
<b>Height</b>	21mm/0.83in				
<b>Width</b>	70mm/2.76in				
<b>Depth</b>	70.2mm/2.77in				
<b>Weight</b>	0.2kg/0.44lbs				
Regulatory					
<b>Safety and Emission</b>	CE   FCC   RoHS   RCM				

*Right Product for the Right Application.*

