Features

- **Zero Latency**
- **4K @ 30Hz - 40m**
- **1080p @ 60Hz - 70m**
- **HDMI 1.4**
- **HDCP 1.4**
- **HDR Support**
- **IR Pass-back**
- **EDID Passthrough**

Description

This HDMI Extender includes a transmitter and receiver unit, allowing the HDMI signal to be transmitted up to 40 meters at 4K@30Hz resolution using a Cat6/6A/7 network cable. It adopts a point-to-point connection configuration and supports IR pass-back.

While HDMI point-to-point extenders are great for extending HDMI signals over long distances, there are some limitations to consider:

Distance: The maximum distance an extender supports depends on the technology used and the specific model.

Signal Quality: With longer distances, signal degradation is more likely. Factors like cable quality, electromagnetic interference, or signal compression can affect the quality of the transmitted signal. Fibre optic extenders offer better signal integrity over long distances.

Latency: Some HDMI extenders introduce a slight delay in signal transmission. This can be important in applications like gaming or live presentations where real-time interaction is crucial. Look for low-latency options if this is a concern.

When choosing an HDMI extender, consider your specific requirements, such as the distance you need to cover, the desired resolution, audio formats, and any additional features you may require.

Ordering Information

32-3870	HDMI 70m Point-to-Point Extender with IR

7-July-2023

Technical	Transmitter	Receiver
HDMI Compliance	1.4	
HDCP Compliance	1.4	
Video bandwidth	225MHz (10.2Gbps)	
Video support	800x600, 1024x768, 1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60Hz, 4K@24/25/30Hz	
Audio support	PCM, LPCM, DTS-HD, DTS	
Input TMDS signal	1.2Vp-p	
EDID through	Support	
IR passback	Support	
IR frequency Range (KHz)	20-60KHz	
Input	1 x HDMI	1 x RJ45, 1 x 3.5mm (IR)
Output	1 x RJ45, 1 x 3.5mm (IR)	1 x HDMI
HDMI conector	Type A, Female, 19-pin	
RJ-45 connector	RJ-45	
Mechanical	**Transmitter**	**Receiver**
Housing	Metal enclosure	
Dimensions (L x W x H mm)	71.6 x 66.6 x 24.8mm	71.6 x 66.6 x 24.8mm
Net weight	85g	85g
Mounting	wall-mounting case with screws	
Power supply	5V/500mA	
Consumption	<1.5W	<1.5W
Operation temperaure	-20~60°C	
Storage temperature	-30~70°C	
Relative humidity	0~90% (non-condensing)	