

Features

- Zero Latency
- 4K @ 30Hz - 40m
- 1080p @ 60Hz - 70m
- HDMI 1.4
- HDCP 1.4
- HDR Support
- KVM Support



Description

This HDMI KVM Extender includes a transmitter and a receiver, allowing the HDMI signal to be transmitted up to 70 meters at 1080p resolution using a Cat6/6A/7 network cable. It adopts a point-to-point connection configuration and supports KVM. It is perfect for outdoor advertising, monitor system, home entertainment, conference, etc.

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

32-3860	HDMI Point-to-Point Extender (4k@30Hz) - KVM Supported
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7-July-2023



HDMI EXTENDERS

HDMI Point-to-Point Extender (4k@30Hz) - KVM Supported

Technical	Transmitter	Receiver
Transmission medium	CAT6/6A/7	
HDMI Cable	3-5m	3-5m
Max Transmission Rate	10.2Gbps	
HDR10	Support	
EDID through	Support	
KVM	Support	
Input/Output TMDs signal	0.7~1.2Vp-p(TMDs)	
Input/Output DDC signal	5Vp-p (TTL)	
Compatibility	HDMI 1.4	
	HDCP 1.4	
Resolution	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, 3840x2160@24/25/30Hz	
Distance	CAT6/6A/7	1080p@60Hz transmission 70 meters
		4K@30Hz transmission 40 meters
Formats	DTS, DTS-HD, PCM, LPCM	
IR Interface	1 x 3.5mm IR OUT, Female	1 x 3.5mm IR IN, Female
Range	<5m	
Frequency	20-60KHz	
Interface	1 x DC5V_2.1 jack, without thread	
Voltage	DC5V/1A	DC5V/1A
Working Power	<3W	<3W
Operating Temperature	-20~60°C	
Storage Temperature	-20~60°C	
Humidity	0~90%(No Condensation)	
Input	DC2.1 x 1, HDMI x 1, USB-A x 1	DC2.1 x 1, RJ45 x 1, USB-A x 2
Output	RJ45 x 1	HDMI x 1
Material	Metal enclosure	
Weight	123g	125g
Colour	Black	
Size	TX: 75.0(L) x 60.0(W) x 20(H) mm	RX: 75.0(L) x 60.0(W) x 20(H) mm
Static Protection	Implementation of the standard: IEC61000-4-2 1a Contact discharge level 2(±4KV) 1b Air discharge level 3 (±8KV)	
Certification	FCC/CE/RoHS	