

Features

- 50ms Latency
- 1080p @ 60Hz Max. Resolution
- 120m over Cat6 (100m over Cat5e)
- KVM Support



Description

This HDMI KVM Extender includes a transmitter and a receiver, allows the HDMI signal to be transmitted up to 120 meters at 1080p resolution using a Cat6 network cable (100m over Cat5e). It adopts point-to-point and point-to-multipoint connection configurations, and also 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

32-3865	HDMI over IP Extender by Cat5e/6 120m with KVM
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HDMI EXTENDERS

HDMI over IP Extender by Cat5e/6
120m with KVM

Technical	Transmitter-TX	Receiver-RX
Signal format	HDMI	
HDMI connector	Type A ,19 pin, Female	
Transmission distance	CAT5e/100meters, CAT6/120 meters	
LAN connector	RJ-45	
Video bandwidth	≤70Mbps	
resistance	100Ω	
Video Latency	50 ms	
Supported OS and version	Windows 10, Windows 8, Windows 7, Windows 7 x64, Windows Server 2008, Windows Server 2008 x64, Windows Vista, Windows Vista x64, Windows Server 2003, Windows XP, Windows XP-x64, Windows 2000, Windows ME, Windows 98SE	
HDMI resolution supported	640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x720@60Hz, 1360x768@60Hz, 1440x900@60Hz, 1400x1050@60Hz, 1680x1050@60Hz, 1920x1080@60Hz	
Audio support	PCM (44.1KHz, 48KHz)	
KVM function (connect with PC, keyboard/ mouse)	connect with PC	Connect with keyboard/mouse KVM function can be switched by pressing the button
One to Many	Support for one-to-many connections using switches	
Switch cascade	yes	
Input	1 x HDMI 1 x USB (to connect with PC)	2 x USB (to connect with keyboard/ mouse) 1 x RJ45
Output	1 x RJ45	1 x HDMI
Mechanical	Transmitter-TX	Receiver-RX
Housing	Metal enclosure	
Dimension	109.6(L) x 89.5(w) x 26.3(H)mm	
Net weight	160g	170g
Power supply	DC5V 1A	
Power consumption	<3.5W	<3.5W
Operation temperaure	0 - 60°C	
Storage temperature	-20 - 70°C	
Relative humidity	20-90% (no condensation)	

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