AV Access

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4K HDMI 2.0 KVM Extender with Ethernet Relay, Uncompressed and No Latency, Plug and Play

SKU: 4KEX100-KVM-H2

★★★★★

€548.99

4K@60Hz 4:4:4 8 bit up to 100m/330ft:
Supports 4K HDR@60Hz and Dolby Vision@30Hz. No signal loss and latency with excellent video and audio quality.

4 Ports High-speed USB 2.0:
Control the computer or display remotely by keyboard and mouse, supports webcam and other USB devices over ethernet cable. USB host and device ports switchable.

Bi-directional Ethernet Pass-through:
Extend network access from long distance without additional cable, allows you to enjoy internet freely.

Additional Features:
Supports HDCP 2.2, RS232, IR control and Analog Audio. PoE from Transmitter to Receiver.

Note:
Make sure that the total power consumption of connected USB devices less than 5V 0.5A.
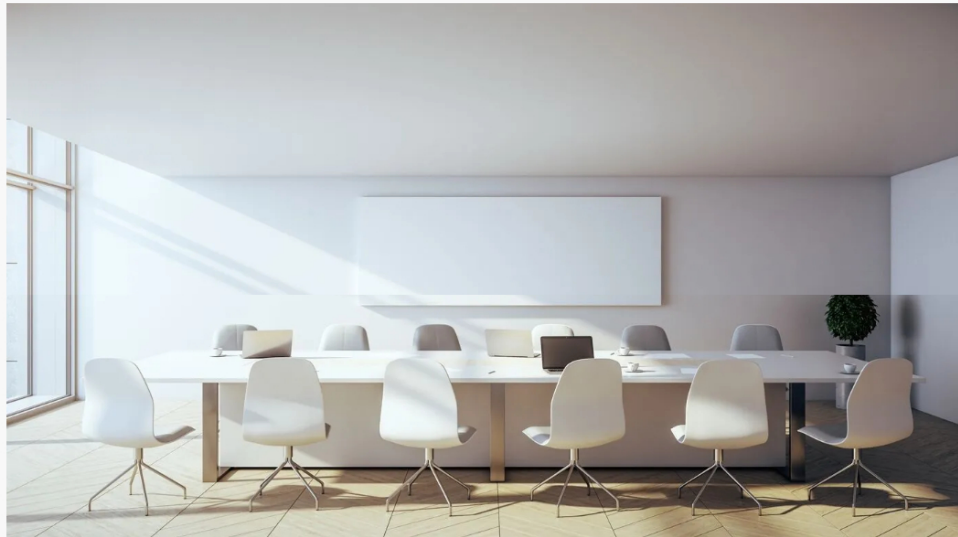
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Overview   Specs   Downloads   Reviews

High-End 100m/330ft 4K KVM Extender

4KEX100-KVM-H2 is a 100m/330ft 4K@60 444 HDR HDBaseT Extender. The kit is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. It provides HDMI transmission up to 330 feet (100 meters) over category cable. It supports bi-directional Ethernet pass-through, RS-232, bi-directional IR control and Bi-direction analog audio. Built-in one-way PoH, the receiver can be powered by the transmitter. The extender features visually lossless VESA Display Stream Compression (DSC) to enable HDR and 4K/60 4:4:4 video signal extension over HDBaseT. It also supports one USB host and 4 USB device ports switchable for KVM usage.

Manage consent

Main Features:

- HDMI Input/Output supports resolutions up to 4K@60Hz 4:4:4 8 bit
- Visual lossless DSC compression solution
- HDCP 2.2 compliant
- Supports HDR formats including HDR10 and Dolby Vision
- Transmits HDBaseT signal up to 100m/330ft for 4K and 1080P via a single Cat 6/6a/7 cable
- Transmits HDBaseT signal up to 90m/295ft for 4K and 100m/330ft for 1080P via a single Cat 5e cable

- Bi-directional IR, RS232 pass-through over HDBaseT
- Provides one USB Host and four USB Device ports for remote KVM control
- Supports one-way standard PoH, one power adapter on the transmitter can power both units
- Automatic EDID management
- Note: The kit supports Dolby Vision only if the resolution is less than or equal to 4K@30Hz.

4K@60 Ultra HD Video

With HDMI 2.0 technology which supports up to 4K@60Hz (4:4:4) resolution, the extender brings ultra-high definition picture with more vivid visual effect.

KVM Extension

The extender provides remote source PC control with keyboard and mouse, interactive display operation, data transmission and USB streaming over distances up to 330ft/100m. High-speed USB 2.0 up to 480Mbps passes through over HDBaseT with zero delay.
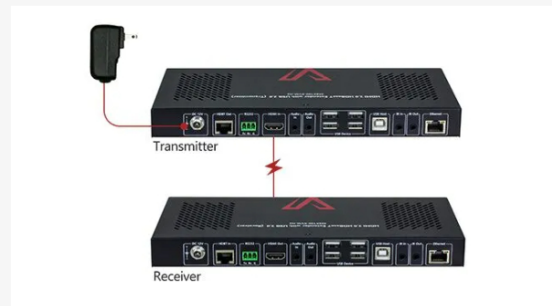
Excellent Audio Enjoyment

The extender supports Dolby Atmos, DTS:X, Dolby TrueHD, DTS-HD Master, etc., so it can work perfectly with AV receiver, home cinema, speaker, amplifier, etc.

One-Way PoH

With PoH integrated inside, the extender needs only one power supply connected to TX to power both units. Its power supply is secured with a screw-on connector to prevent the power from being accidentally disconnected.

Technical	
Video Signal	HDMI with 4K@60Hz 4:4:4, HDCP 2.2
Input/Output Resolution Support	800×600^8, 1024×768^8, 1280×720^8, 1280×768^8, 1280×800^8, 1280×960^8, 1280×1024^8, 1360×768^8, 1366×768^8, 1440×900^8, 1600×900^8, 1600×1200^8, 1680×1050^8, 1920×1080^8, 1920×1200^8, 2560×1440^8, 2560×1600^8, $3840\times2160P^{2,3,5,6,8}$ 1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = at 60 Hz;
HDR Format Supported	HDR 10

Audio Format Supported	Dolby Vision (with resolutions under 4K@30Hz) **HDMI:** Fully supports audio formats in HDMI 2.0 specification, including PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X **3.5mm Mini Jack:** stereo
Max Data Rate	18 Gbps
General	
Operating Temperature	0°C to + 45°C (32 to + 113 °F)
Storage Temperature	-20 to +70°C (-4 to + 158 °F)
Humidity	20% to 90%, non-condensing
Power Consumption (Maximum)	17.8W (pair)
Device Dimensions (W x H x D)	245mm x 25mm x 90.2mm/ 9.6" x 1" x 3.55"
Product Weight	Transmitter/Receiver: 0.66kg/1.45lb