

AVG-EX80MKV-HD

80m 1080P KVM Extender with USB2.0



This AVönic 1080P USB 2.0 KVM extender extends full HD HDMI signal up to 80m/260ft via a single Cat X cable, without any video loss and time delay. With USB 2.0 pass-through, it provides remote source PC control with keyboard and mouse, interactive display operation, data transmission and USB streaming over distances up to 60m/200ft~80m/260ft. It has many professional designs which suitable for various application scenario, especially for engineering project usage. Two-way PoC (Power over Cable), integrates power into the Cat 5e/6 cable, only one power adapter is needed to either transmitter or receiver.

Features

- AVon-Link technology simplifies audio & video routing and enhances system flexibility and ease of use.
- Extends a full HD HDMI signal up to 260ft/80m via a single Cat X cable without signal loss and delay
- Extends high-speed USB 2.0 signal (480Mbps) up to 80m/260ft for USB HID device class and up to 60m/200ft for USB storage device class, provides 2x USB 2.0 ports at display end
- Supports two-way PoC (Power over Cable), only one power adapter is needed to either transmitter or receiver
- Auto EDID management automatically adjusts to overcome compatibility issues
- Plug and play, no driver needed.

Specifications

Video	
Input/Output Signal Type	HDMI 1.3b with HDCP 1.4
Input/Output Resolution Supported	Up to 1080P@60Hz
Deep Color	Up to 8bit
Maximum Data Rate	6.75 Gbps
Maximum Pixel Clock	225 MHz

Audio	
Audio Format Supported	PCM2.0
General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Operating& Storage Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Power Supply	DC 12V 2A
Power Consumption (Maximum)	3.6W (Pair, PoC)
Device Dimension (W x H x D)	98.2 mm ×23 mm ×75 mm/ 3.87" x 0.91" x 2.95" (TX/RX)
Product Weight	0.22kg/0.48lb each for TX/RX

Transmission Distance


Note: T568B straight-through Category cable is recommended.


Cable Type	Range	Supported Video
HDMI	Input/Output: 15m/50ft	1080P@60Hz
Cat X	80m/260ft	1080P@60Hz
Cat X	80m/260ft	USB HID device class
Cat X	60m/200ft	USB storage device



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