

AVG-PEX50MRS

50m 1080P HDMI Extender



This AVönic 50m 1080P cost-effective HDMI extender. It supports full HD video, 2ch audio and transports uncompressed 1080P@60Hz signals up to 50m/164ft along a single Cat X cable. EX0101-N595&N596-000 features one-way IR pass-through and PoC. The Receiver offers manual EQ DIP settings to adjust transmission distance for optimal signal delivery to the display.

Features

- AVon-Link technology simplifies audio & video routing and enhances system flexibility and ease of use.
- Simple and cost-effective HDMI Extender
- Uncompressed 1080P/60Hz up to 50m/164ft over Cat 6/6a/7 cable
- Uncompressed 1080P/60Hz up to 40m/131ft over Cat 5e cable
- Supports HDMI 1.3b and HDCP 1.4
- Independent HDMI equalization adjustment button on receiver
- IR passes through from receiver to transmitter
- Built-in PoC, receiver can be powered by transmitter
- Built-in ESD: ±8kV (air-gap discharge) & ±4kV (contact discharge)
- Built-in Surge protection: Voltage ± 1kV
- Compact size for easy installation
- Simply stick to TV by Velcro Hook/Loop Tape

Specifications

Video	
Input/Output Signal Type	HDMI1.3b with HDCP 1.4
Input/Output Resolution Supported	Up to 1080@60Hz, including 1080P/1080I/720P/720I
Deep Color	8bit
Maximum Data Rate	4.45 Gbps
Maximum Pixel Clock	148 MHz

Audio	
Audio Format Supported	PCM 2.0
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 5V 1A
Power Consumption (Maximum)	2.5W (Pair, PoC)
Device Dimension (W x H x D)	70mm x 20mm x 70.2mm/2.76" x 0.79" x 2.76"
Product Weight	0.2kg/0.44lb each for TX/RX

Transmission Distance


Note: A T568B straight-through Category cable is recommended.


Cable Type	Range	Supported Video
HDMI	Input/Output: 5m/16ft	1080P@60Hz
Cat 5e	40m/131ft	1080P@60Hz



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