

EXP-HDMI-1000

4K HDMI Extender Over Cat.5e for 60M



Introduction

aegis' HDMI Extender utilizes signal conversion technology to extend HDMI signals up to 60 meters using a single 100 Ohm Cat.5e (or above) Ethernet cable, supporting resolutions up to 3840x2160 @ 30Hz. Ensure that the HDMI input/output is directly connected to the HDMI source and display. The HDMI Extender series is the most cost-effective choice for extending visuals in home entertainment, conference rooms, and commercial advertising applications.

Key Features:

- Audio and video signals can be transmitted over Cat.5e (or above) Ethernet cables with zero latency.
- Transmission distance can reach up to 60 meters, supporting 4K/2K resolutions.
- Compliant with HDMI 1.4b standards.
- Supports HDCP 1.3 and 1.4.
- Supports EDID switching.
- Supports CEC.
- Supports HDMI output resolution reduction.

Specifications

Model No	EXP-HDMI-1000 TX	EXP-HDMI-1000 RX
HDMI Bandwidth	340MHz	
HDMI Resolution	720P/1080P/4K30 4:4:4(60m)	
Audio Format	LPCM、DTS Digital, Dolby Digital	
HDCP	1.3/1.4	
Input Port	HDMI x 1	RJ45 x 1
Output Port	RJ45 x 1	HDMI x 1
Power Supply	5VDC / 1.0 Amp	
Power Consumption	5W - Max.	
Chassis Material	Metal	
Chassis Color	Black	
Operating Temperature	/-15°C~ 55°C / 5°F - 131°F	
Humidity	5 - 90% RH (Non-Condensing)	
Dimension	81 mm X 47 mm X 22 mm	
Weight	TX 102 g / RX 103 g	