HDMI KVM Extender-Ethernet

Variants

KVM 100M

Details

The **HDMI KVM Extender** is a professional audio, video, and USB transmission solution designed to extend HDMI signals over standard network cables. It consists of a transmitter (TX) and receiver (RX), allowing users to transmit high-definition video, audio, keyboard, and mouse control over long distances.

Using Cat5e or Cat6 network cable, the extender delivers stable Full HD video transmission while maintaining excellent image quality and responsive USB control. It is widely used in surveillance systems, conference rooms, classrooms, control centers, digital signage, and multimedia installations.

Distance	**100–150m**
Resolution	**1080P@60Hz**
KVM Support	

USB 1.1

Cable Type

Cat5e / Cat6

Key Features

? HDMI Signal Extension Over Network Cable

? Supports USB Keyboard & Mouse Control

? Full HD 1080P Resolution at 60Hz

? Cat5e / Cat6 Long Distance Transmission

? Built-in Automatic Equalization System

? Integrated ESD Protection Circuit

? Stable Audio & Video Transmission

? Plug-and-Play Installation

Technical Specifications

Category	Specification
Product Type	HDMI KVM Extender

Category	Specification
Transmission Method	Cat5e / Cat6 Network Cable
Transmission Distance	Up to 150m
Supported Resolution	Up to 1080P @ 60Hz
Video Compatibility	Backward Compatible
Recommended Cable	Cat5e / Cat6 Shielded Cable
Equalization System	Automatic Image Equalization
ESD Protection	Built-in Electrostatic Protection Circuit
KVM Function	USB 1.1 Keyboard & Mouse Control
Protection System	Comprehensive Hardware Protection

Applications

- CCTV Monitoring Systems
- Conference Room Presentation Systems
- Computer Training Centers
- Digital Signage Solutions
- Control Rooms & Command Centers
- Home Theater & Multimedia Installations

Industrial Monitoring Systems

Educational & Research Facilities

Note:
For maximum transmission distance and stable performance, use high-quality Cat5e or Cat6 shielded network cable. Shielded engineering-grade cable is recommended for long-distance installations.

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