

Product Data Sheet

SYSCOMX HDMI 60M KVM EXTENDER WITH AUDIO



TX (TRANSMITTER)



RX (RECEIVER)



PRODUCT OVERVIEW

The SyscomX HDMI 60M KVM Extender with Audio is a point-to-point transmission solution designed to extend Full HD video, USB keyboard and mouse control, stereo audio, and IR remote signals over a single CAT5e/CAT6 cable.

The system includes a TX transmitter and an RX receiver, making it ideal for surveillance monitoring, control rooms, conference spaces, digital signage, and remote workstation applications.



KEY FEATURES

- Extends HDMI signals up to 60 m over a single CAT5e/CAT6 cable
- Supports up to 1920 × 1080 @ 60 Hz
- Integrated USB KVM for remote keyboard and mouse control
- Supports 3.5 mm stereo audio (R/L)
- IR remote signal pass-through
- Compact metal housing with low power consumption
- Plug-and-play point-to-point installation



TECHNICAL SPECIFICATIONS

Product Type	HDMI KVM Extender with Audio
Transmission Distance	Up to 60 m over CAT5e/CAT6
Video Resolution	Up to 1920 × 1080 @ 60 Hz
Supported Formats	1080p, 1080i, 720p
HDMI Bandwidth	150 MHz
Data Rate	4.5 Gbps
Audio	3.5 mm stereo (R/L)
USB Function	Remote keyboard and mouse extension
IR Control	Supported
Connection Type	Point-to-point over single UTP cable
Power Supply	DC 5 V / 1 A (per unit)
Power Consumption	Max. 300 mA per unit
Operating Temperature	-15°C to +45°C
Humidity	5% to 90% RH, non-condensing
Enclosure	Metal



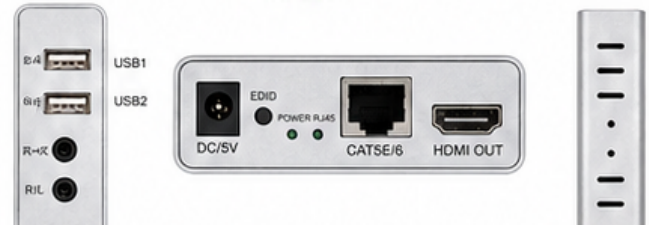
PORTS & INTERFACES

TX UNIT



- HDMI input
- USB-PC connection
- R/L audio input
- IR-TX connection
- Power input (DC/5V)
- RJ45 output (CAT5e/6)
- EDID button

RX UNIT



- HDMI output
- 2 × USB ports for keyboard and mouse
- R/L audio output
- IR-RX connection
- Power input (DC/5V)
- RJ45 input (CAT5e/6)



APPLICATIONS

- NVR / DVR monitoring
- Control rooms
- Conference rooms
- Digital signage
- Remote workstation control
- Multimedia classrooms



PACKAGE CONTENTS

- TX transmitter
- RX receiver
- Power adapters
- USB cable
- IR accessories
- User manual