

Product Data Sheet

SYSCOMX HDMI 200M KVM IP EXTENDER

H.264 | KVM + IR + ETHERNET



TX (TRANSMITTER)



RX (RECEIVER)

PRODUCT OVERVIEW

The SyscomX HDMI 200M KVM IP Extender is a pure-hardware solution for extending HDMI video, USB keyboard/mouse control and IR signals through an Ethernet link. It supports point-to-point, one-to-multipoint and cascade connection modes.

The transmitter provides HDMI input and loop output, while the receiver delivers HDMI output and two USB ports for remote KVM control.

★ KEY FEATURES

- Transmission distance marked up to 200 m
- Point-to-point, one-to-multipoint and cascade modes
- IEEE 802.3 Ethernet standard
- USB keyboard and mouse extension
- IR remote-control support
- Pure hardware, plug and play - no additional software
- Packaging displays 1080P, 2K and 4K video-format badges

⚙️ TECHNICAL SPECIFICATIONS

Product Type	HDMI KVM IP Extender
Transmission	Up to 200 m (product marking)
Video Codec	H.264 (packaging marking)
Resolution Markings	1080P / 2K / 4K
Network Standard	IEEE 802.3 Ethernet
Operating Modes	Point-to-point / one-to-multipoint / cascade
KVM Function	Remote keyboard and mouse extension
IR Control	Supported
Power Input	DC 5V per unit
Connection	RJ45 Ethernet
Enclosure	Metal housing
Software	Not required; pure-hardware operation

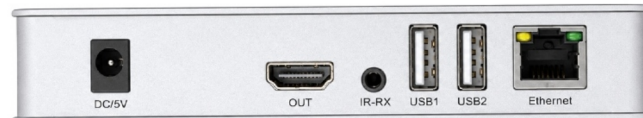
🔌 PORTS & INTERFACES

TX UNIT



- HDMI IN
- HDMI OUT (loop)
- USB
- IR TX
- Ethernet (RJ45)
- DC/5V

RX UNIT



- HDMI OUT
- USB1 + USB2
- IR RX
- Ethernet (RJ45)
- DC/5V
- HDMI / Power LEDs

📄 APPLICATIONS

- Home theater
- Teaching / training
- Video conference

🔗 SYSTEM ARCHITECTURE

- TX transmitter + RX receiver
- Direct Ethernet link or switch-based distribution
- Point-to-point / multi-point / cascade