

HDMI & USB Keyboard Mouse CAT5 Extender

ITEM NO: HKM01E HDMI & USB Keyboard Mouse CAT5e Extender



The HKM01E is design to extend full HDMI & USB keyboard mouse over one CAT5e/6 up to 120 meters. Transmitter built in local HDMI monitor output for local monitor and provides superior video quality up to 1920 x 1200 resolutions. With 2 USB port to extend keyboard and mouse signal over same CAT5e/6 cable. It is optimized for applications at security monitoring and multimedia display and digital signage, home network integration, and industrial control, hospital, education.

Features:

- Extend HDMI and USB keyboard mouse signals over one CAT5e/CAT6 cable.
- **Supports resolutions full HD up to 1920x1080p@60hz.**
- **Transmission range up to 120M over CAT5e/CAT6.**
- **HKM01ET transmitter built in HDMI loop output.**
- HKM01ER receiver unit with 2 ports USB devices to extend USB keyboard and mouse.
- USB compatible with USB 2.0, USB 1.0 & USB 1.1
- Perfect for control remote machines and security monitoring systems, digital signage application.
- **Option model: SR01 signal repeater for longer distance application.**

Installation View:



Optional Model: SR01 Signal Repeater (order separately)

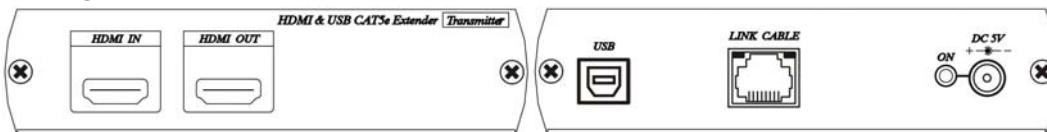
- Extend data signal for an additional 120meters.
- Application for HKM01E signals for extra long range transmission.
- Ability to cascade connection with multiple SR01 for long range transmission
- Built in LED status indication.
- External power required.
- Plug and play for easy installation.

Work with HKM01E CAT5 Extender:

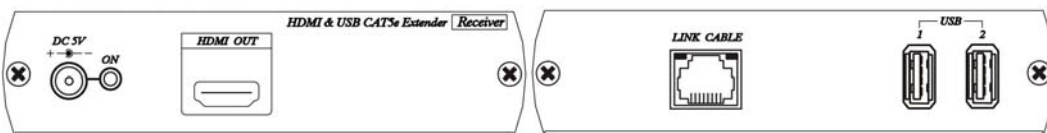


Panel View:

HKM01ET



HKM01ER



LED Indication Status:

Front Panel Green LED:
Power on/off

RJ45 LED:
Green Flash: Linking
Orange On: Data transmission

RJ45 Define:

Link Cable (TIA/EIA-568-B)

- | | |
|-----------------|----------|
| 1. Orange-white | Data 1 + |
| 2. Orange | Data 1 - |
| 3. Green-white | Data 2 + |
| 4. Blue | Data 3 + |
| 5. Blue-white | Data 3 - |
| 6. Green | Data 2 - |
| 7. Brown-white | Data 4 + |
| 8. Brown | Data 4 - |

Cable:

Video Link cable using high quality CAT5e UTP/STP/FTP or CAT6 UTP cable.

Caution:

1. This device not support wireless and gaming keyboard mouse.
2. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.

Package Include:

HKM01T Transmitter x 1

HKM01R Receiver x 1

USB A to B cable x 1

DC 5V 2Amp power adapter x 2

Specification:

ITEM NO.	HKM01ET	HKM01ER
Support Resolution	1920 x 1080p@ 60 Hz	
Transmission Distance	CAT.5e/6 : 120M (Max)	
HDMI Connector	HDMI Type A x 2	HDMI Type A x 1
USB Connector	USB Type B x 1	USB Type A x 2
RS232 Connector	DB9 (Female) x 1	DB9 (Male) x 1
Link Connector	RJ45 x 1	
Power Supply	DC 5V 2A	
Power Consumption	1.2Amp (Max.)	0.8Amp (Max.)
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%	
Dimensions mm		
Weight g		



Rev.A