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:

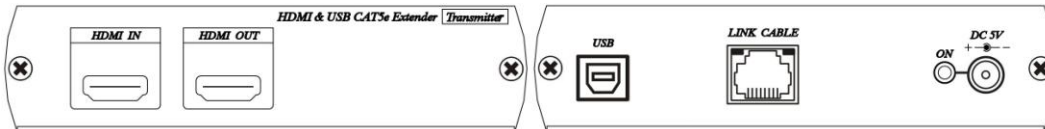# Optional Model: SR01 Signal Repeater (order separately)

- 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.
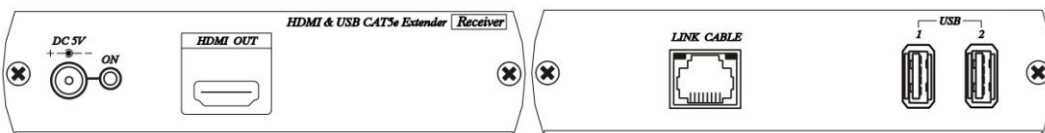
Work with HKM01E CAT5 Extender:

CAT.5e 1080p 120M (Max)   CAT.5e 1080p 120M (Max)

Transmitter   SR01 x n   Receiver

Panel View:
HKM01ET

HKM01ER

LED Indication Status:

Front Panel Green LED:
Power on/off

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

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℃, Storage: -20 TO 85℃, Humidity: up to 95%	
Dimensions mm		
Weight g		

RoHS CE FC C

Rev.A