

120M HDMI KVM Many to Many Over IP Extender w/ IR

#HKE12MMA10

The 120M HDMI KVM Many to Many Over IP Extender with IR (HKE12MMA10), Support USB keyboard and mouse data, IR signal transmitted over a LAN (Local Area Network). Support input resolution up to 1080P Full HD. According to 1000M IGMP network switch, source content can be transmitted from several transmitters (Up to 16 transmitters) to several receivers (Up to 253 receivers) over LAN, and the transmitter can be controlled by either of the receivers in the same local area network by IR or USB keyboard and mouse.

Application:

This product can be used on remote DVR for Security System, servers in data centre and monitor room.

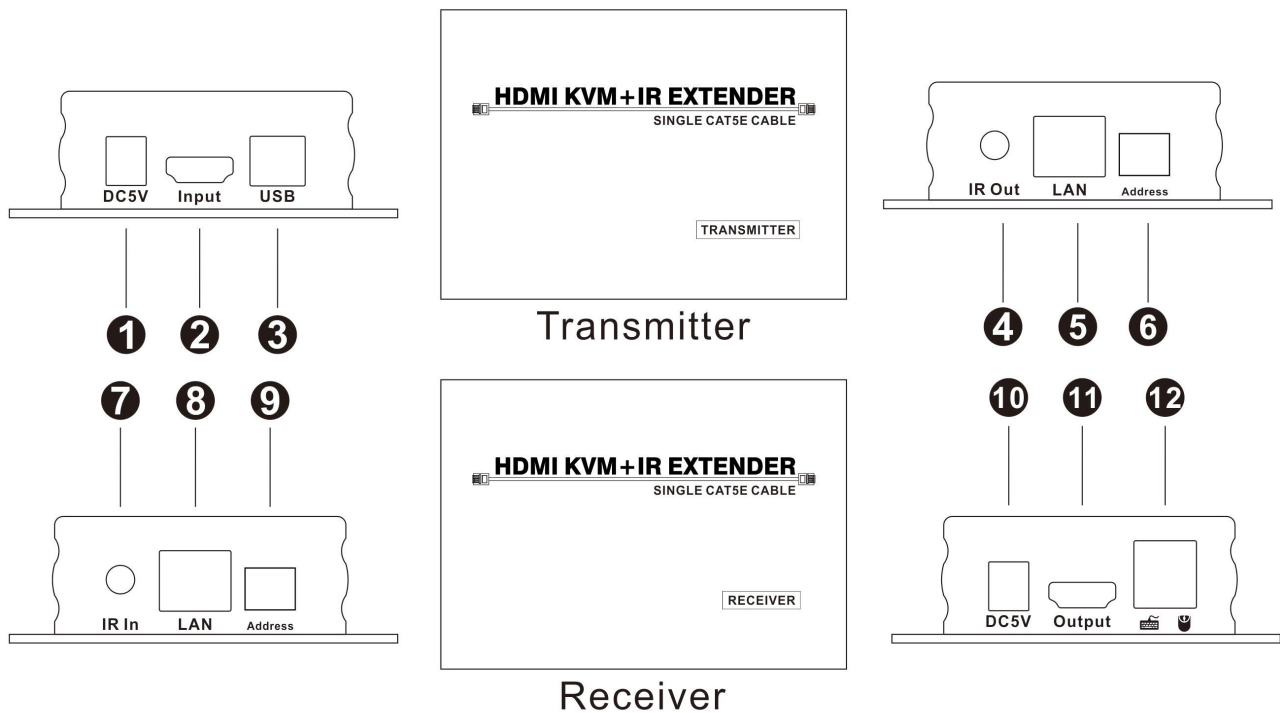
Features:

- Supports resolution up to 1080p Full HD
- Support TMDS equalization and enhancement
- By transmitting keyboard and mouse Data via LAN, it is easy to control PC or other media players remotely
- Routes up to 16 transmitters to 253 receivers by 1000M IGMP network switch.
- Support pass through infrared remote control signal
- Support Fiber-Optic converter to extend transmission distance up to 20KM

Packing list:

- 1 * HDMI KVM Extender Transmitter
- 1 * HDMI KVM Extender Receiver
- 1 * IR transmitter
- 1 * IR Receiver
- 2 * DC 5V 1A Power Adapter
- 1 * Quick-Start Guide

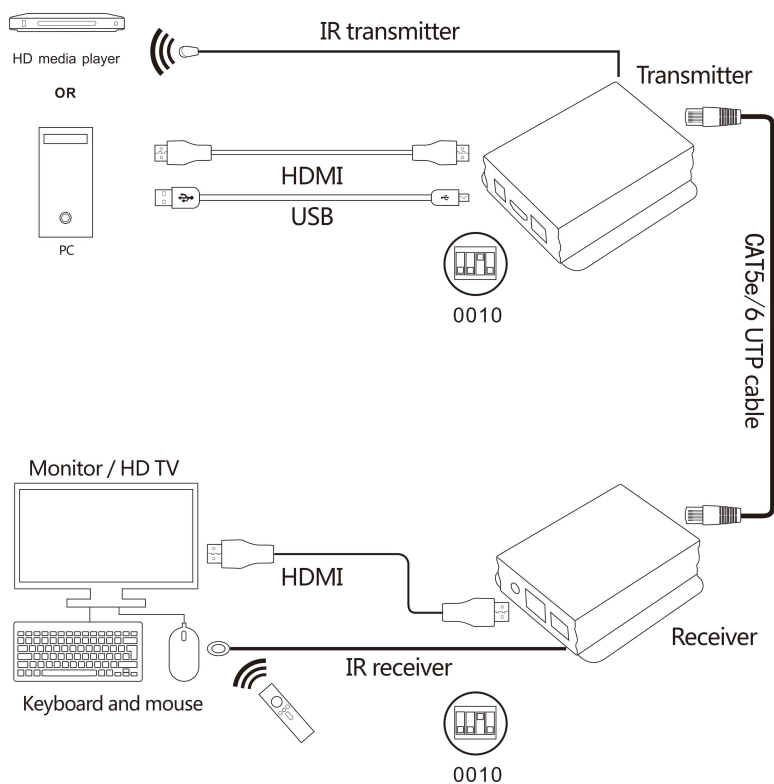
Panel Description:



- | | |
|--|--------------------------------|
| ❶ DC 5V Input | ❷ IR receiver port |
| ❷ HDMI input port | ❸ UTP cable connection port |
| ❸ USB connection port
(To computer) | ❹ IP Address Configuration |
| ❹ IR transmitter port | ❺ DC 5V Input |
| ❺ UTP cable connection port | ❻ HDMI output port |
| ❻ IP Address configuration | ❼ USB keyboard and mouse input |

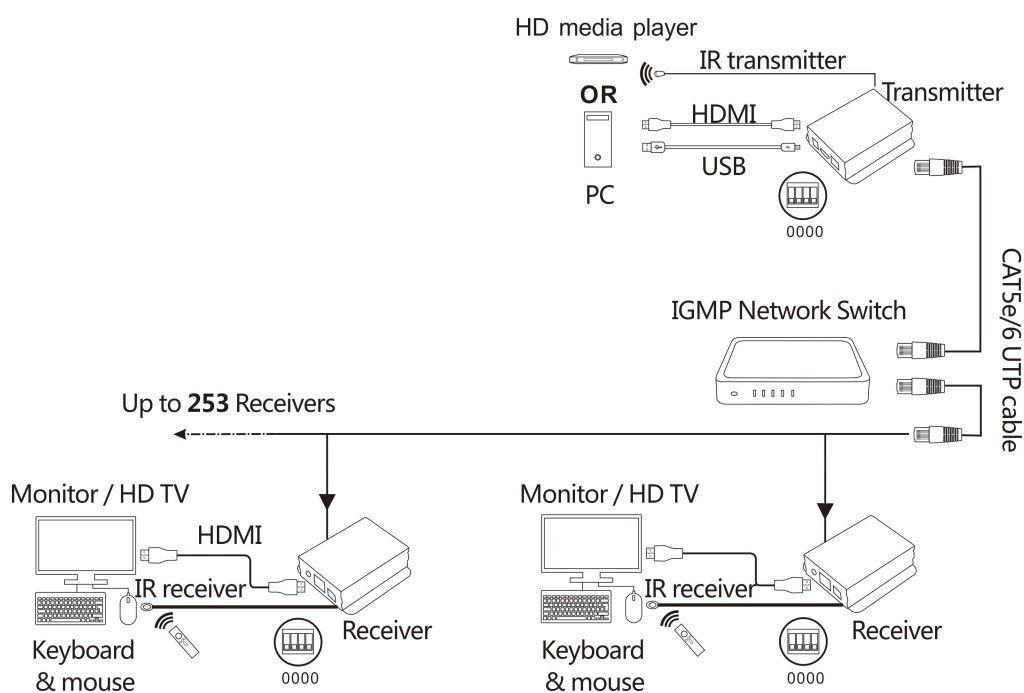
Connection Diagram:

< 1 to 1 connection >



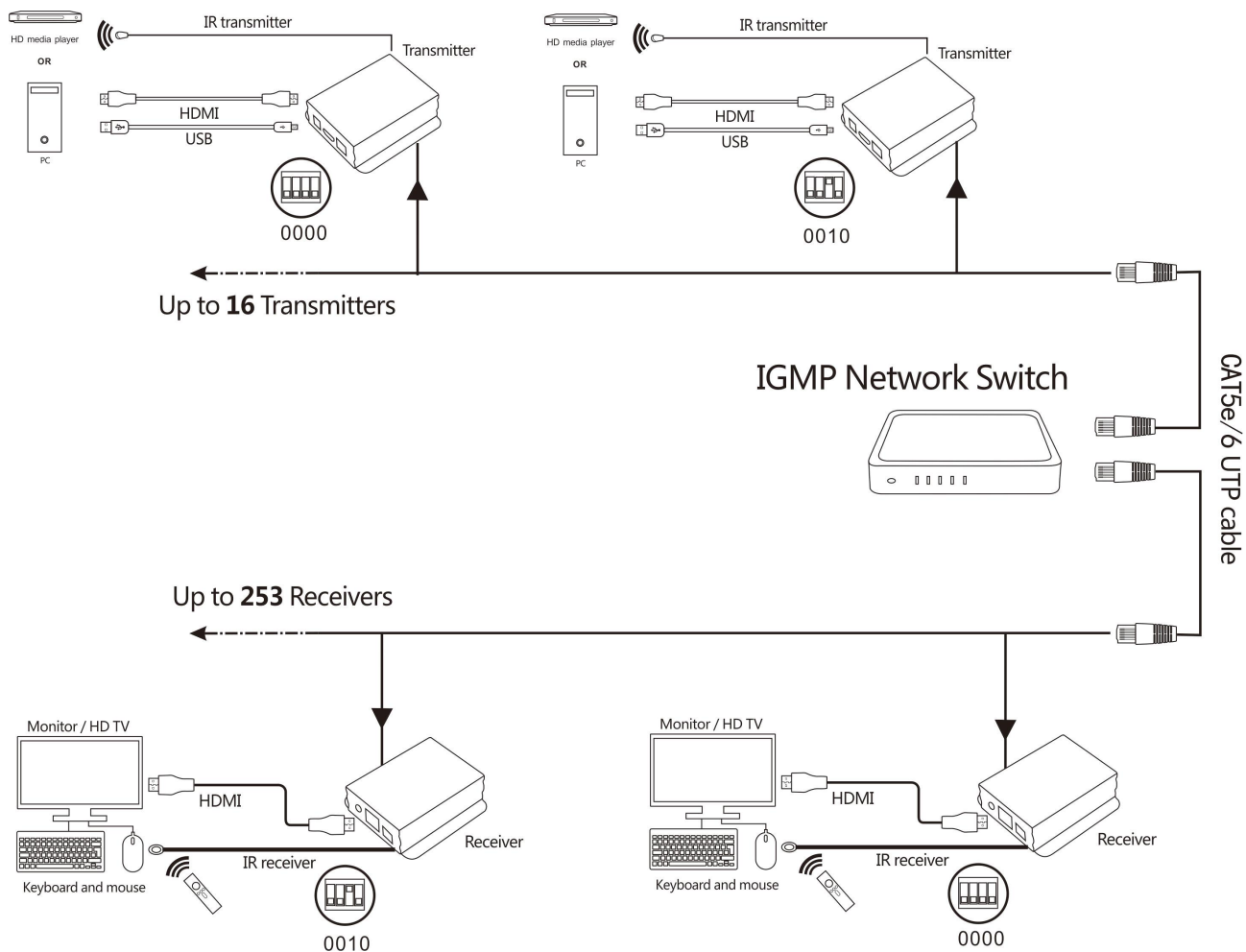
(Set IP address of the transmitter and receivers to the same)

< 1 to Many connections >



(Set IP address of the transmitter and receivers to the same)

< Many to Many connections >



(By using IGMP network switch, support up to 16 transmitters (Addr: 0000~1111) in one local area network. Set the receivers' IP address to the same as the transmitter which the receiver wants to connect to.)

Specification:

HKE12MMA10	120M HDMI KVM Many to Many Over IP Extender w/ IR
Functionality:	
Over IP	Yes
IR pass through	Yes
Technical	
Resolution	480i/480p/720p/1080i/1080p@60Hz
Input	TX*: 1*HDMI Type A
	RX*: 1* RJ45, 2* USB Type A, 1* 3.5mm AUX (For IR receiver)
Output	TX: 1* RJ45, 1* 3.5mm AUX (For IR transmitter) 1* USB Type B
	RX: 1* HDMI Type A
ESD protection	Human body model - $\pm 8\text{kV}$ (Air-gap discharge)
Mechanical:	
Chasing material	Aluminum Alloy
Product Dimensions	RX: 93 mm (W) x 90 mm (D) x 30 (H) mm
	TX: 93 mm (W) x 90 mm (D) x 30 (H) mm
Item Weight	450g
Power supply	DC 5V 1A
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree
Operating Humidity	10 to 90% RH

*TX: Transmitter

*RX: Receiver