

120M HDMI KVM Over IP Extender w/ IR

#HKE1211A11

The 120M HDMI KVM Over IP Extender with IR (HKE1211A11) extends HDMI, USB and IR over a LAN (Local Area Network). Supports resolution up to 1080P Full HD. Source content can be transmitted from one transmitter to several receivers (Up to 253 receivers) over LAN, and the transmitter can be controlled by either of the receivers in the same LAN over 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.

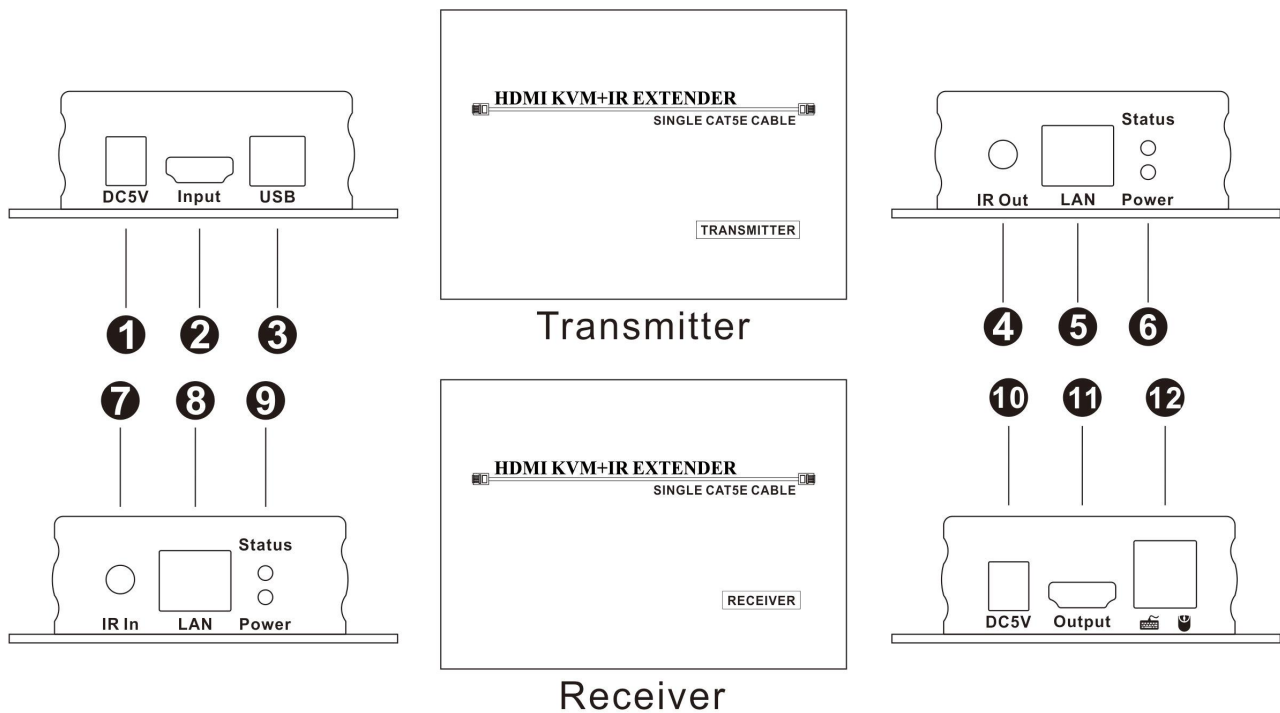
Features:

- Extends HDMI, USB and IR over a network switch or a direct connection with CAT5e/6 UTP cable up to 120 metres.
- Supports resolution up to 1080P Full HD
- HDMI bandwidth up to 10.2Gbps data rate
- Support TMDS equalization and enhancement
- By transmitting keyboard and mouse Data via LAN, it is easy to control PC or other media players remotely
- Support pass through infrared remote control signal
- Support Fiber-Optic converter to extend transmission distance up to 20KM

Packing list:

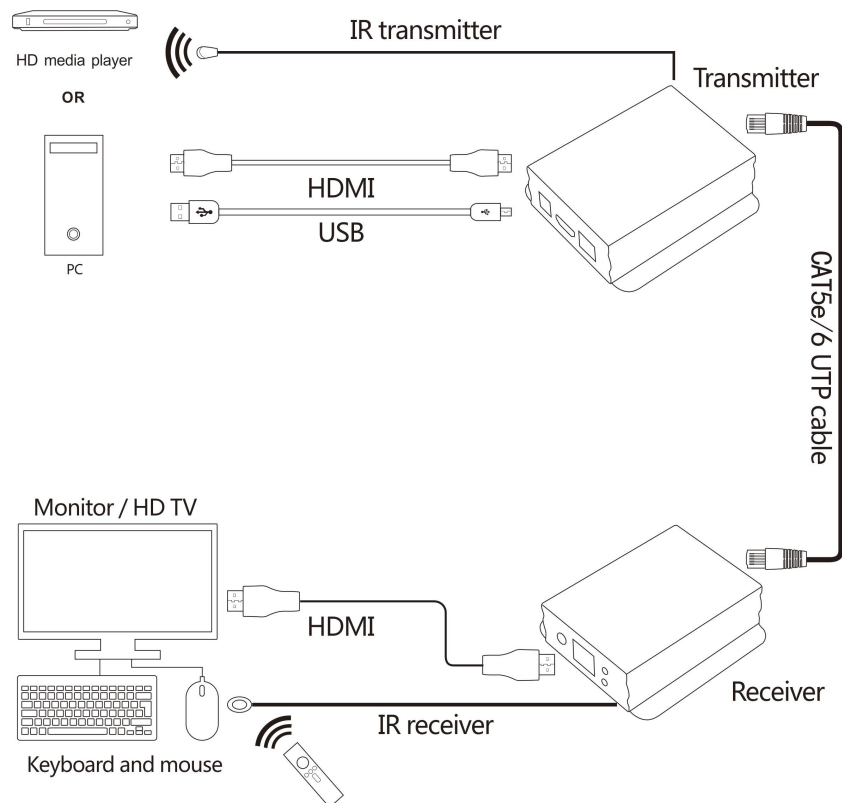
- 1 * HDMI KVM Extender Transmitter
- 1 * HDMI KVM Extender Receiver
- 1 * IR Transmitter
- 1 * IR Receiver
- 2 * DC 5V 1A Power Adapter
- 1 * Quick-Start Guide

Panel Description:

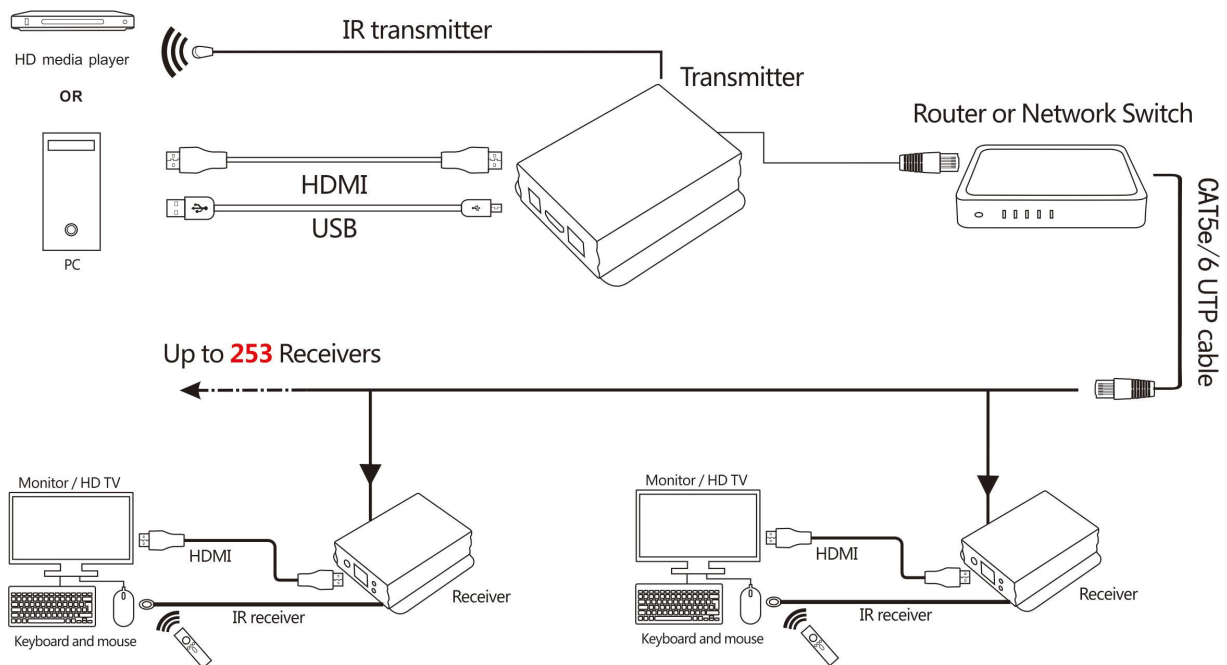


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|--|--------------------------------|
| ① DC 5V | ⑦ IR receiver |
| ② HDMI input | ⑧ UTP cable connection port |
| ③ USB connection port
(To computer) | ⑨ power and connection status |
| ④ IR transmitter port | ⑩ DC 5V |
| ⑤ UTP cable connection port | ⑪ HDMI output |
| ⑥ power and connection status | ⑫ USB keyboard and mouse input |

Connection Diagram:



< 1 to 1 connection >



< 1 to many connection >

Specification:

HKE1211A11	120M HDMI KVM Over IP Extender w/ IR
Functionality:	
Over IP	Yes
IR pass through	Yes
Technical	
Resolution	480i/480p/720p/1080i/1080p@60Hz
Data rate	10.2Gbps
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