

## 4K HDMI + USB KVM Extender over IP / Fiber, Transmitter Model : KCE812TPK3

### FEATURES

- 4K UHD HDMI over IP extension
- USB 2.0 over IP extension
- RS232 bi-directional extension and RS232 control
- 4 bits switch for 16 stream channel selection
- Support Dolby True HD, DTS-HD Master Audio
- Support two way Wide Band IR extension (38khz-56khz)  
transmit over single Cat5e/6 cable up to 120m
- Transmitter over Fiber Optical cable up to 60km (Single Mode)
- Networking environment under Giga Ethernet switch and CAT5e cable
- Point to point extension, Unicast  
Multicast and Video Wall system (Max8x16)
- Output video rotation
- Output video partial enlargement
- HDCP 1.4 compliant
- Color: 24 bit - True color
- Power - POE or external power supply



### PACKAGE CONTENTS

- Main Unit, HDMI Extender (Transmitter & Receiver)
- 2xIR TX cables, 1x Phoenix plugs for RS232 cable termination
- Power adapter DC 5V, 2x screws, Rear bracket x1, 1x User Manual

### SPECIFICATION

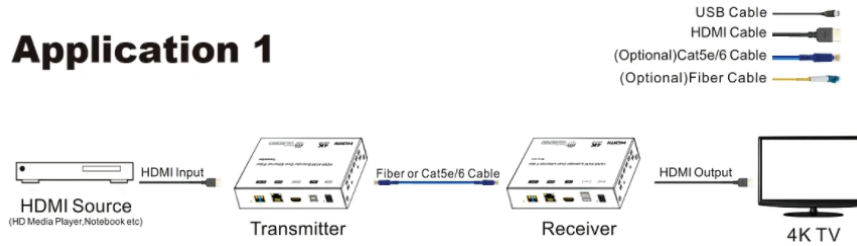
<b>Protocol</b>	TCP, UDP, RTSP, RTP, DHCP, IGMP, Multicast, IPV4
<b>Support Video format</b>	4K@30HZ, 1080P/1080i/720P/576P/576i/480P
<b>Support Audio format</b>	Stereo 192Kbps
<b>HDCP</b>	Compliant
<b>IR Frequency</b>	38 -56 KHZ
<b>RS232 Baud rate</b>	Default 115200bps, total 8 kinds optional
<b>Default IP</b>	Automatic allocation
<b>Group ID</b>	Group 00 ~ group 16
<b>Request for Switch/Router</b>	Support IGMP, support DHCP

<b>Input</b>	1xHDMI Female port, 1xUSB B type
<b>Output</b>	1x RJ45 output, 1x Fiber output
<b>RS232</b>	Phoenix RS232 port
<b>IR</b>	1x IR TX port; 1x IR RX port Support 38K-56KHz
<b>Operating temperature</b>	-5 to +35°C (+23 to +95°F)
<b>Operating Humidity Range</b>	5 to 90%RH (No Condensation)
<b>Power supply</b>	DC 5V
<b>Power consumption</b>	Max 3 watt
<b>Dimension</b>	160x103.2x30mm

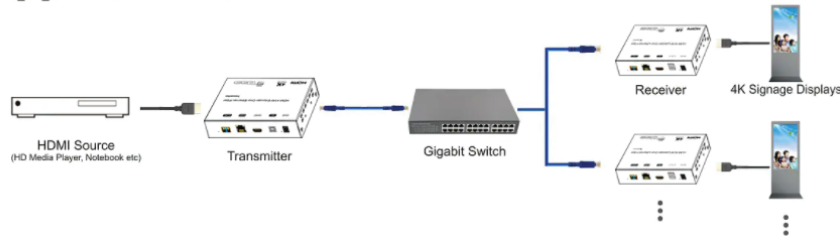
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### CONNECTION DIAGRAM

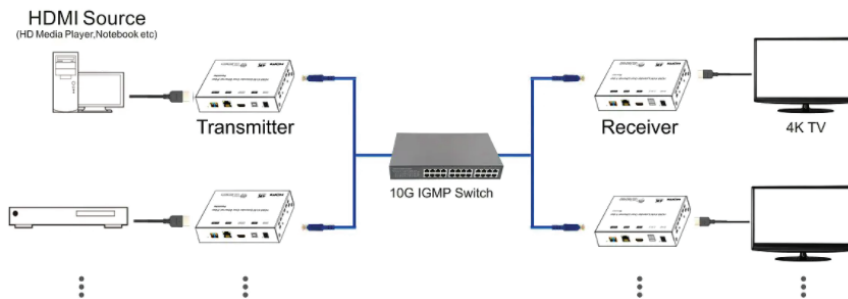
#### Application 1



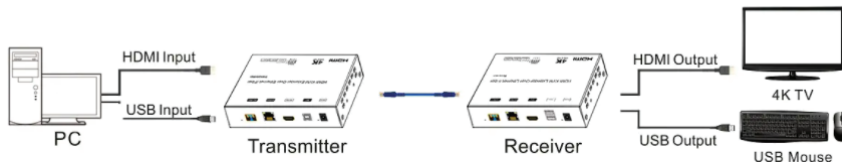
#### Application 2



#### Application 3



#### Application 4



#### Application 5

