

## 4K HDMI + USB KVM Extender over IP / Fiber, Transmitter Model : KCE812TK3

### 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



### 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

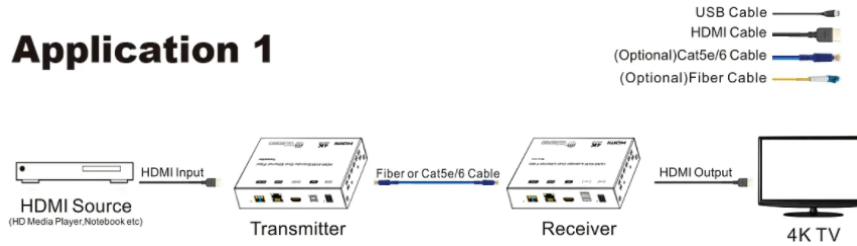
|                                  |  |
|----------------------------------|--|
| <b>Protocol</b>                  | TCP, UDP, RTSP, RTP, DHCP, IGMP, Multicast, IPV4 |
| <b>Support Video format</b>      | 4K@30HZ, 1080P/1080i/720P/576P/576i/480P         |
| <b>Support Audio format</b>      | Stereo 192Kbps                                   |
| <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                                 |

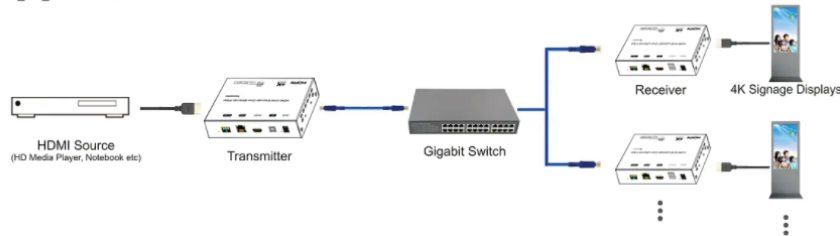
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### CONNECTION DIAGRAM

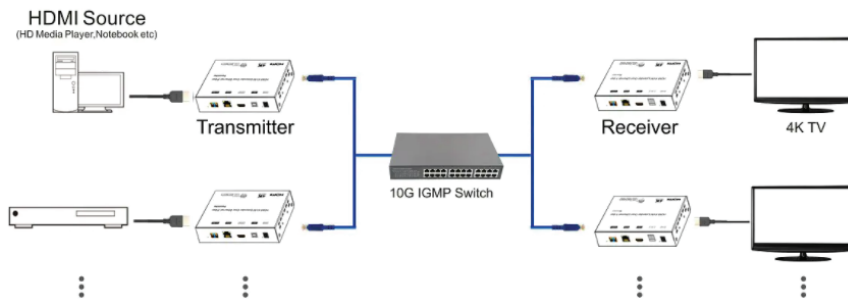
#### Application 1



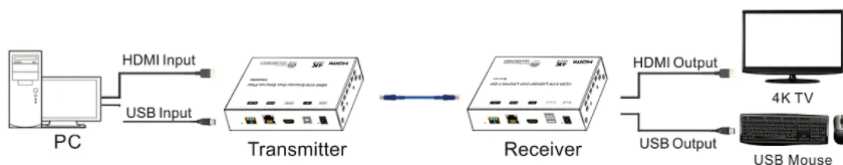
#### Application 2



#### Application 3



#### Application 4



#### Application 5

