

70M DVI KVM+IR Extender

DKE0711A50

DVI KVM Extender with IR pass through, uses single UTP LAN cable CAT5e/6 to substitute DVI cable to achieve longer transmission distance, The transmission distance extend up to 70 meters for 1920*1080@60Hz, and 40 meters for 3840*2160@30Hz. Support EDID pass through, best compliant with different display devices. In the same time, this extender can support infrared control signal pass through.

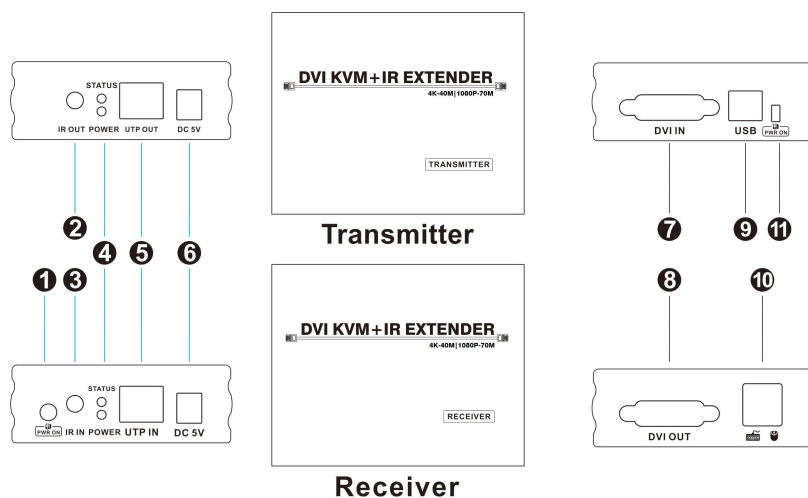
Features

- Use single UTP cable (CAT5e/6, should follow EIA/TIA 568B standard) to substitute DVI cable to extend longer transmission distance
- Resolution up to 1920*1080@60Hz (For 70M UTP), 3840*2160@30Hz (For 40M UTP).
- Support TMDS equalization and enhancement
- Support EDID pass through via LAN, for best compliance with most display devices.
- Support Infrared control signal pass through via LAN
- By transmitting keyboard and mouse data via LAN, it is easy to control PC remotely
- With customized remote button, it is easy to turn on PC remotely

Packing list

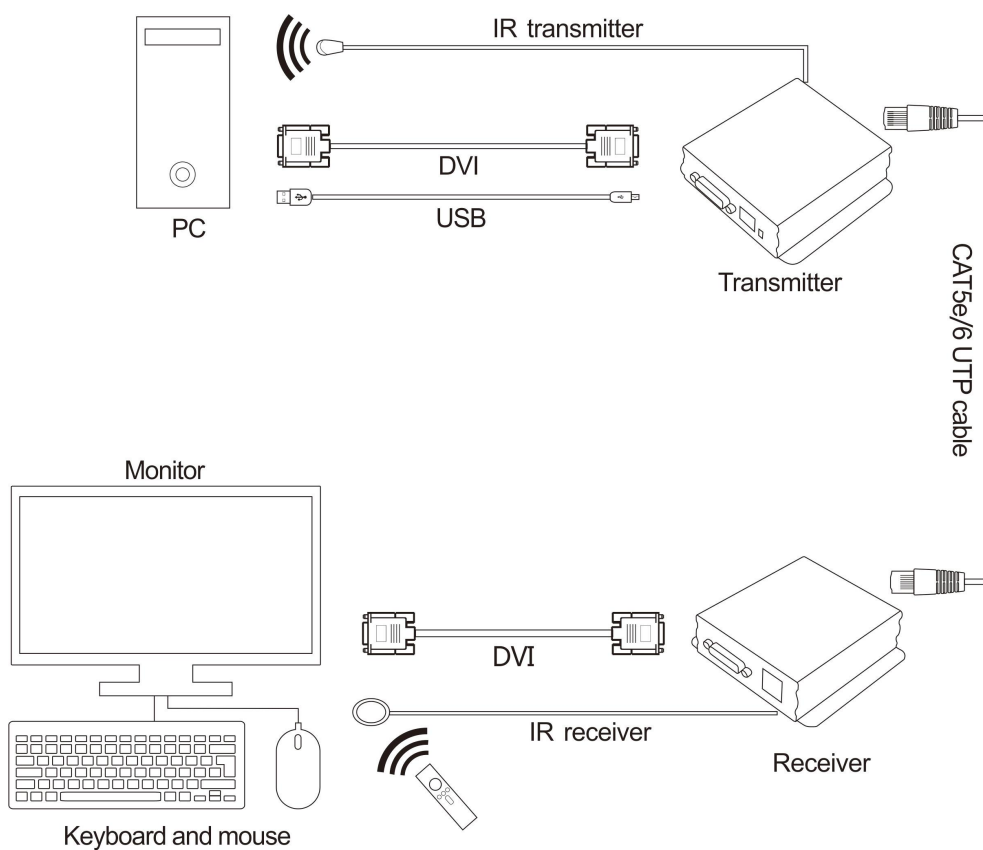
- 1 * DVI KVM Transmitter
- 1 * DVI KVM Receiver
- 1 * IR Transmitter
- 1 * IR Receiver
- 1 * DC 5V 1A Power Adapter(TX)
- 1 * DC 5V 2A Power Adapter(RX)
- 1 * User Manual

Panel descriptions



- | | |
|-------------------------------|---------------------------------|
| ① Customized button | ⑥ DC5V |
| ② IR transmitter | ⑦ DVI input |
| ③ IR receiver | ⑧ DVI output |
| ④ power and connection status | ⑨ USB cable in |
| ⑤ UTP cable port | ⑩ Keyboard and mouse input |
| | ⑪ Customized button output pins |

Connection Diagram



Specification

| | |
|-------------------------------|---|
| DKE0711A50 | 70M DVI KVM+IR Extender |
| Technical | |
| EDID Pass through | Yes |
| Data rate | 10.2 Gbps |
| Max. Resolution | 3840*2160@30Hz (For 40M UTP cable) 1920*1080@60Hz (For 70M UTP cable) |
| ESD protection | Human body model - ± 8 kV (Air-gap discharge) |
| Input | Transmitter: 1* DVI-D(SL) Receiver: 1* RJ45, 1* AUX (for IR in), 2* USB Type A (Keyboard & mouse) |
| Output | Transmitter: 1* RJ45, 1* USB Type B, 1* AUX(for IR out) Receiver: 1*DVI-D(SL) |
| Mechanical | |
| Chasing material | Aluminum Alloy |
| Product Dimensions | RX: 90 (W) x 103 (D) x 30 (H) mm TX: 90 (W) x 103 (D) x 30 (H) mm |
| Item Weight | 330g |
| Power supply | DC 5V 1A |
| Operating/Storage temperature | 0 to 70 degree/-40 to 85 degree |
| Operating Humidity | 10 to 90% RH |