

50M DVI KVM+IR Extender

DKE0511A30

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 50 meters for 1920*1080@60Hz. Support EDID pass through, best compliant with different display devices. In the same time, this extender can support infrared control signal pass through.

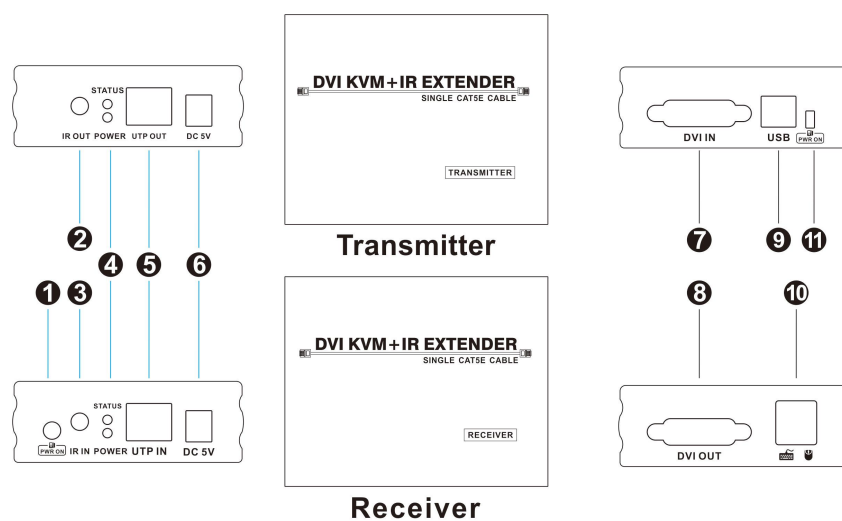
Features

- 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 50M UTP).
- Support TMDS equalization and enhancement
- Support EDID pass through via LAN, for best compliance with most display devices.
- Support IR 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

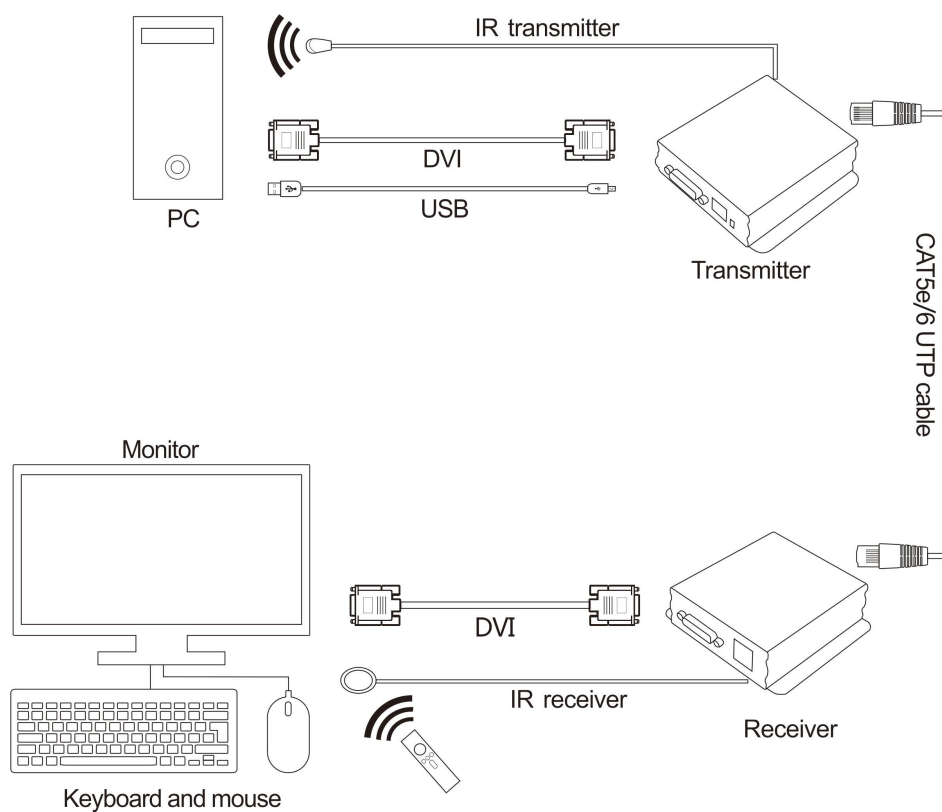
- 1 * DVI KVM Transmitter
- 1 * DVI KVM Receiver
- 1 * IR Transmitter
- 1 * IR Receiver
- 2 * DC 5V 1A Power Adapter
- 1 * User Manual

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

DKE0511A30	50M DVI KVM+IR Extender
Technical	
HDCP compliance	No
Data rate	10.2 Gbps
Max. Resolution	1920*1080@60Hz (For 50M 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