

## **100M DVI KVM+IR Extender**

### **# DKE1011A50**

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 100 meters for 1920\*1080@60Hz, and 70 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.

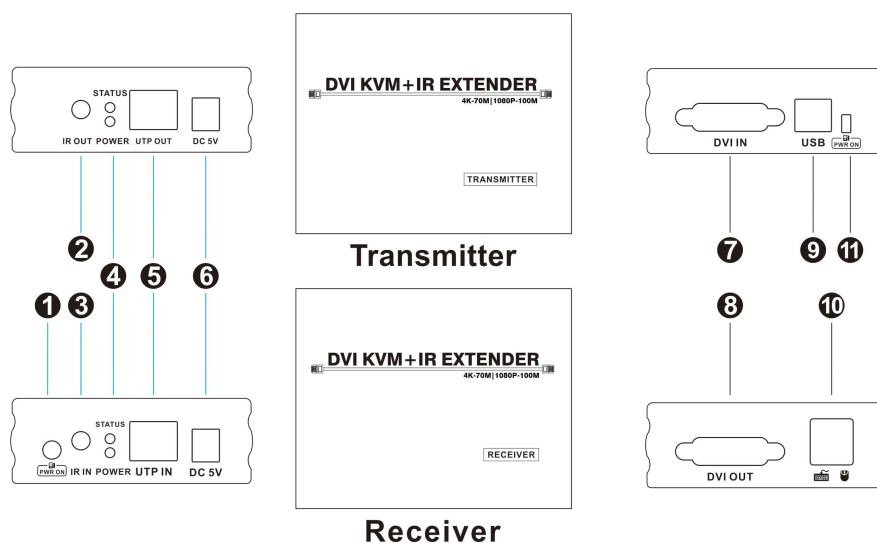
### **Features**

- Resolution up to 1920\*1080@60Hz (For 100M UTP), 3840\*2160@30Hz (For 70M 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 remote PC power switch button, it is easy to turn on PC remotely

### **Packing list**

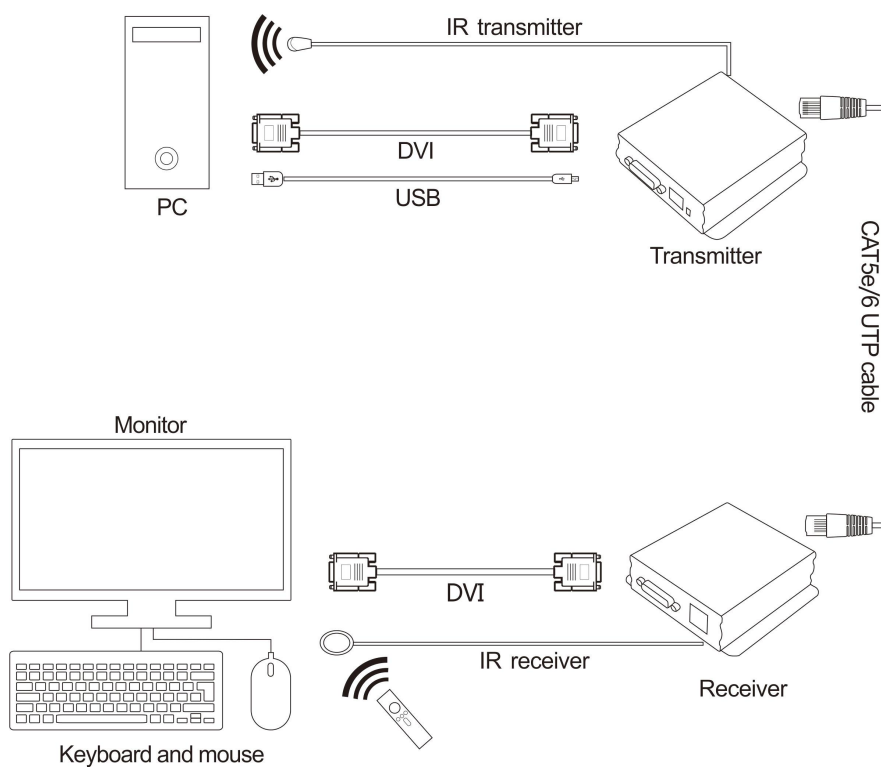
- 1 \* DVI KVM Transmitter
- 1 \* DVI KVM Receiver
- 1 \* IR Transmitter
- 1 \* IR Receiver
- 1 \* DC 5V 1A Power Adapter(TX)
- 1 \* DC 5V 2A Power Adapter(RX)
- 1 \* User Manual

## Panel descriptions



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

## Connection diagram



**Specification:**

DKE1011A50	100M DVI KVM+IR Extender
<b>Technical</b>	
Data rate	10.2 Gbps
Max. Resolution	3840*2160@30Hz ( For 70M UTP cable) 1920*1080@60Hz ( For 100M UTP cable)
ESD protection	Human body model - $\pm 8$ 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)
<b>Mechanical</b>	
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