

100M DVI KVM+Audio UHD Extender

DKE1011A7U

This DVI KVM Extender with audio out, DKE1011A7U, extends DVI and USB up to 100 meters over a single CAT-5e cable. Providing access to keyboard, mouse, touch-panels, printers, and USB drive. Support resolutions up to 3840*2160@30Hz 4:4:4, 3840*2160@60Hz 4:2:0. Support EDID pass through, best compliant with different display devices. Support power over UTP cable, only receiver should be powered.

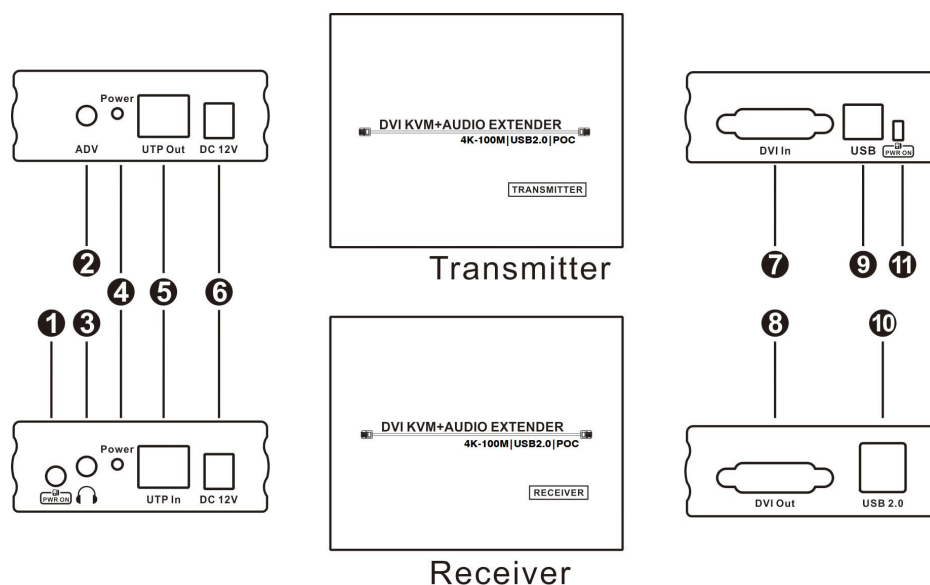
Features

- Use single UTP cable (CAT5e/6, should follow EIA/TIA 568B standard) to substitute DVI and USB cable to extend longer transmission distance
- Resolution up to 3840*2160@30Hz 4:4:4, 3840*2160@60Hz 4:2:0 (For 100M UTP)
- Support TMDS equalization and enhancement
- Support EDID pass through via LAN, for best compliance with most display devices
- Providing access to keyboard, mouse, touch-panels, printers, and USB drive etc
- With customized remote button, it is easy to turn on PC remotely
- Support PoC (Power Over Cable), transmitter powered by receiver
- Support HDMI source and display with the use of HDMI-to-DVI adapters (Not support HDCP)
- Support audio out from receiver

Packing list

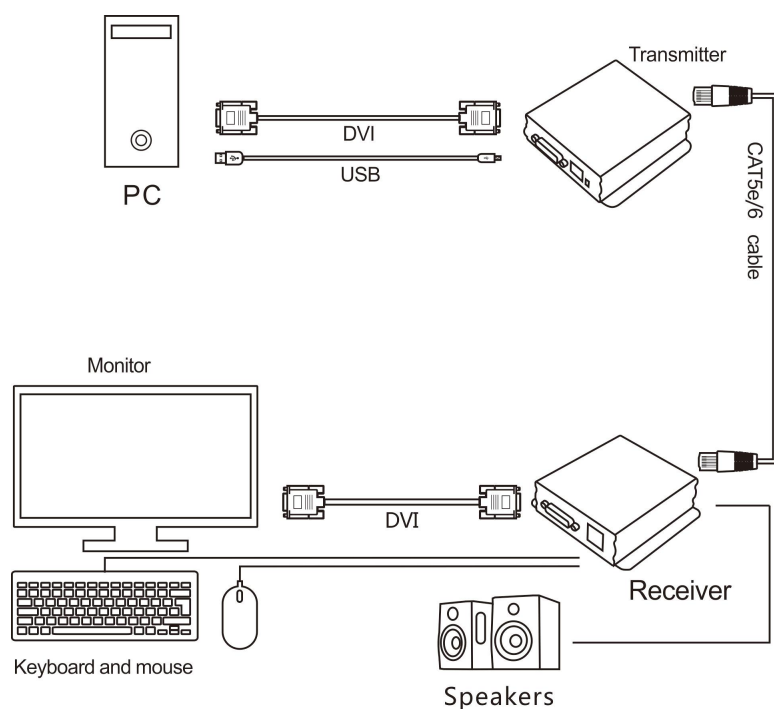
- 1 * DVI KVM Transmitter
- 1 * DVI KVM Receiver
- 1 * DC 12V 2A Power Adapter
- 1 * Quick-Start Guide

Panel descriptions



- | | |
|---|---------------------------------|
| ❶ Customized button | ❷ DVI input |
| ❷ Service port(Reserved) | ❸ DVI output |
| ❸ L/R audio output | ❹ USB cable port |
| ❹ LED indicator of power | ❺ USB2.0 device input |
| ❺ UTP cable port | ❻ Customized button output pins |
| ❻ DC12V input
(The receiver must be powered) | |

Connection diagram



Specification:

DKE1011A7U	100M DVI KVM+Audio UHD Extender
Technical	
HDCP compliance	No
Data rate	10.2 Gbps
Max. Resolution	3840*2160@30Hz 4:4:4, 3840*2160@60Hz 4:2:0 (For 100M UTP cable)
ESD protection	Human body model - ± 8 kV (Air-gap discharge)
Input	Transmitter: 1* DVI-D(SL), 1* AUX(Reserved for service) Receiver: 1* RJ45, 2* USB Type A (USB2.0)
Output	Transmitter: 1* RJ45, 1* USB Type B Receiver: 1*DVI-D(SL), 1* AUX(for Audio out)
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 12V 2A
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree
Operating Humidity	10 to 90% RH