

# DVI KVM Extender

LM-THF207DKM

## User Manual

### 1.Description

The LM-THF207DKM extender provides extension of DVI signals long distances over a single CAT6 cable , it supports high resolution up to 1080p and keyboard/mouse signal transmission. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

### 2.Features

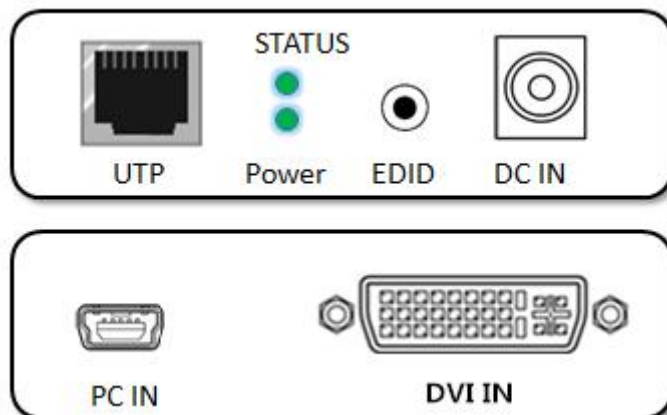
- Transmits DVI video and audio signals up to 60m over a single CAT6 cable;
- Support video resolution up to 1920\*1080@60Hz, 3D signal;
- Support keyboard and mouse signal transmission;
- Support copy EDID function, can match many kind display device;
- Compliance with DVI 1.3 and HDCP 1.2 standard;
- High compatibility, can auto-match source and display device;
- Built-in automatic adjustment system, make the image smooth, clear and stable;
- Built-in ESD protection system;
- Simple to install, plug and play;

### 3.Specifications

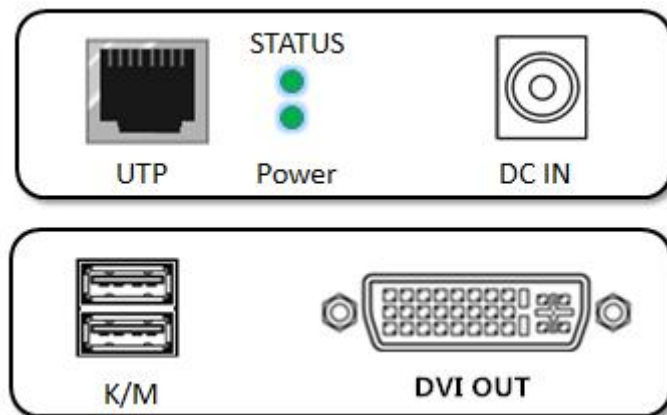
Parameter		Description
Video	Standards	DVI 1.0; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz
	Connector	DVI-D
	Impedance	100Ω
USB	Interface	To PC: standard MINI-USB or PS2 To K/M: standard USB, PS2 optional
	USB Signal	HID Signal
UTP	Interface	RJ45
	Transmission distance	CAT6-60m
Other	Power supply	The power adapter: DC 5V/1A
	Power dissipation	MAX 3W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	94.5*71*26mm
	The warranty	1 year free warranty

## 4.Panel

Transmitter:



Receiver:



Port name	Description
DVI IN/OUT	DVI signal input/output
UTP	RJ45 port connect cat5e/6.
PC IN	Mini USB cable connect to PC
K/M	connect to keyboard and mouse
DC IN	Power adapter socket
LED indicator	Description
PWR	System power indicator
STATUS	Video signal indicator. Copy EDID indicator

## 5.Package list

- DVI transmitter ..... 1 pcs
- DVI receiver ..... 1 pcs
- Mini USB cable..... 1 pcs
- Power adapter .....2 pcs
- User manual ..... 1 pcs

## 6.Installation

1. Connect the DVI input source (such as HD-DVD、PS3、 STB etc. ) to transmitter.
2. Connect a CAT6 cable from UTP port of transmitter to UTP port of receiver.
3. Connect the DVI sink(such as HD-LCD、 HD-DLP ) to receiver.
4. Connect the transmitter UTP port to the receiver UTP port using a single CAT6 cable.
5. Connect transmitter PC IN port to PC using mini USB cable.
6. Connect USB keyboard and mouse to Receiver K/M port.
7. Power on Transmitter and Receiver.

## 7.Diagram

