

LM-DT206FKM

VGA Fiber Extender With KVM

USER MANUAL

1. Description

The Extender could transmission high-definition video long distance through a single fiber cable , external independent audio and USB keyboard ,mouse functions, can adapt to a variety of complex applications. The device has a superior image processing and transmission capacity, so that the signal transmission more smooth and stable, it is a good solution with a reliable, high-performance, efficient VGA, signals to extend the way.

2. Features

- Transmit VGA video and audio over long distances through the Fiber, up to 20KM ;
- Support USB keyboard and mouse transmission
- The highest resolution HD video signals up to 1080P @ 60Hz;
- Compliance with VGA standard protocol;
- Support for external stereo audio signal transmission;
- It can automatically identify and configure a variety of display modes;
- Built-in automatic equalization system, the picture is smooth, clear and stable;
- Built-in ESD Protection Circuit, comprehensive protection system security;
- Easy to install, plug and play, no need to set;

3. Specifications

Parameter		Description
Video	Signal Type	VGA
	BW	380MHz
	Resolution	1024X768 @ 60fps 1280X720@ 60fps 1280X800@ 60fps 1280X1024@ 60fps 1440x900 @ 60fps 1660x1200 @ 60fps 1680x1050 @ 60fps 1920x1080 @ 60fps
Audio	Port	3.5mm Stereo audio socket
	Type	Stereo
Ethernet port	Cable Type	Signals Fiber
	Max transmission distance	SC/FC 20KM
Keyboard and mouse	Port	USB
Other	Power	Adapter:DC 5V/2A
	Power dissipation	MAX 4W
	Temperature	Operating : -5°C ~ +70°C
	Humidity	Operating : 5% ~ 90%
	Size	102*96*25mm

4. Panel

Transmitter

Receiver



Port Name	Function
VGA IN/OUT	VGA signal input/output
AUDIO IN/OUT	Stereo audio input/output
DC/5V	The power adapter input
PC IN	Keyboard and mouse
Fiber	FC
LED indicator	Description
LINK	Connect light
STA	Communications equipment indicator light
PWR	System power indicator

5.Package list

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- VGA transmitter 1pc
 - VGA receiver 1pc
 - Power adapter 5V/2A 2pcs
 - User manual 1pc

6. Installation

1. The VGA signal source access VGA Extender transmitter,
2. Stereo audio access VGA Extender transmitter,
3. The receiving end VGA Extender connected to a display device (such as
4. high-definition TV, splicing screen, etc.),
5. The VGA extender output audio access receiving end audio equipment,
6. Use network cable to connect the sender and receiver of the Ethernet port,
7. The sender and the receiving end on the power, when the lights are on, the system running.

7. Diagram

