HDMI To Fiber Converters   HD0100-10G-MK

◆ **HDMI To Fiber Converters with keyboard and mouse, 10G,Uncompressed**
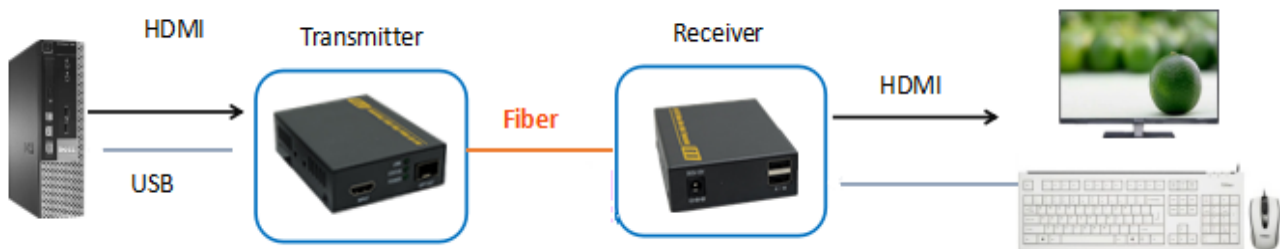
➢ Features

- Transmits HDMI video signals up to 10km over one fiber optic cable
- Support keyboard and mouse signal transmission**;**
- Support video resolution up to 3840*2160@30Hz, 1920*1200@60hz, 1920*1080P@60Hz, 3D signal;
- Support copy EDID, can match many kind display device
- Compliance with HMDI 1.4 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

➢ Introduction

The HDMI Fiber optic extender provides extension of HDMI and 3D signals long distances over one fiber optic cable, it supports high resolution up to 4K*2K, And at the same time support USB keyboard mouse long distance transmission function, EDID pass-thru function. 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.

➢ Application

➢ **Specification**

Video	
Standards	HDMI 1.4
Maximum pixel clock	225MHz
Maximum data rate	6.75Gbps
Resolution range	Up to 3840*2160@30Hz
Connector	Female HDMI type A
Impedance	100Ω
K/M	
Interface	PC: MINI-USB Keyboard And Mouse: USB-A
Optical fiber	
Interface	LC connector
Fiber type	Single-mode,single fiber
Wavelength	1310nm
Interface bandwidth	10Gbps
Transmission distance	2Km,10Km
Other	
Power supply	DC12V
Power dissipation	MAX 6W
LED indicator	L: Optical fiber signal connection indicator S: Video signal connection indicator P: System power indicator
Temperature	Operating: -5℃ ~ +70℃
Humidity	Operating: 5% ~ 90%
Dimension	94.5*73*26mm
The warranty	1 year free warranty

➢ **Panel**
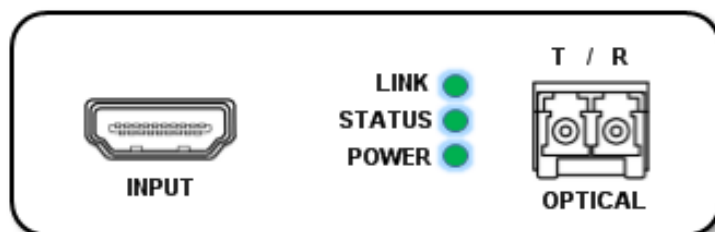
Transmitter
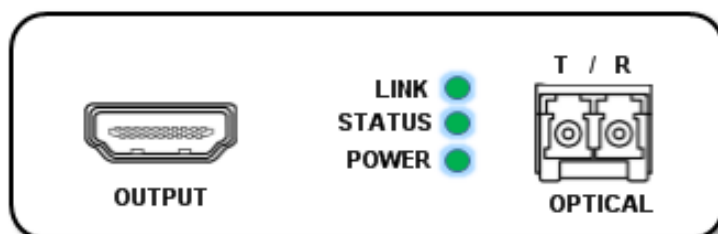
Receiver

➢ **Packing List**

- HDMI optical fiber transmitter ×1
- HDMI optical fiber receiver ×1
- Fiber optic module×2
- USB to USB-B cable
- Power adapter×2
- User manual ×1