

4K HDMI 2.0 KVM USB over Fiber Optic Extender

Features

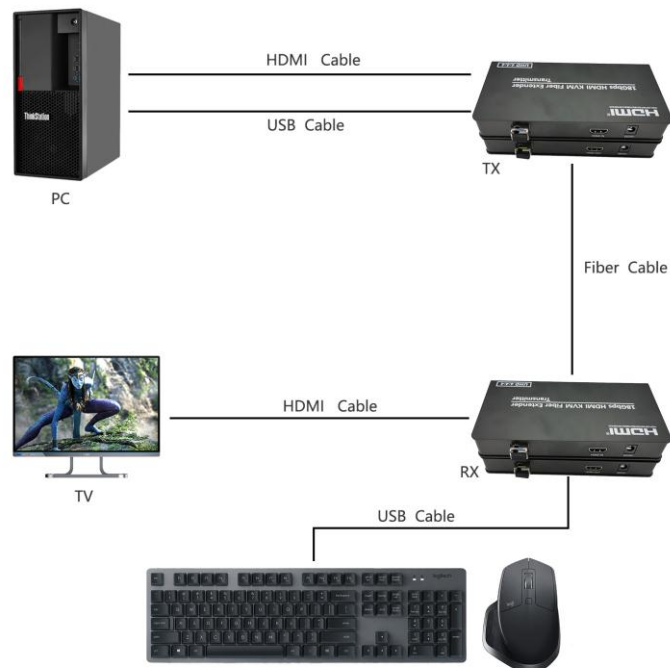
- ▶ Transmits 4K HDMI2.0 video signals up to 10km over SMF, 300 meters over OM3 MMF
- ▶ Support keyboard and mouse signal transmission
- ▶ Uncompressed HDMI 2.0 video transmission up to 4K@60Hz 4:4:4 8-bit
- ▶ Supports HDCP 2.2
- ▶ Local module connectors: HDMI input, USB input (type B-female) for keyboard / mouse, fiber optic connector (LC-female), and 5 VDC power connector (DC-jack-female)
- ▶ Remote module connectors: HDMI output for remote display, 2 USB outputs (keyboard / mouse), fiber optic connector (LC-female), and 5 VDC power connector (DC-jack-female)
- ▶ Simple to install, plug and play



Overview

BD-HD201KM KVM Video Signal Extender HDMI 2.0, USB (keyboard / mouse). It consists of two modules that are interconnected by means of single-mode or multimode fiber optic cable. It allows working at a maximum resolution of 4K HDMI video. The maximum cable distance can be up to 10 km via Single Mode Fiber or 300 meters via OM3 Multimode Fiber.

Application



Technical Indexes

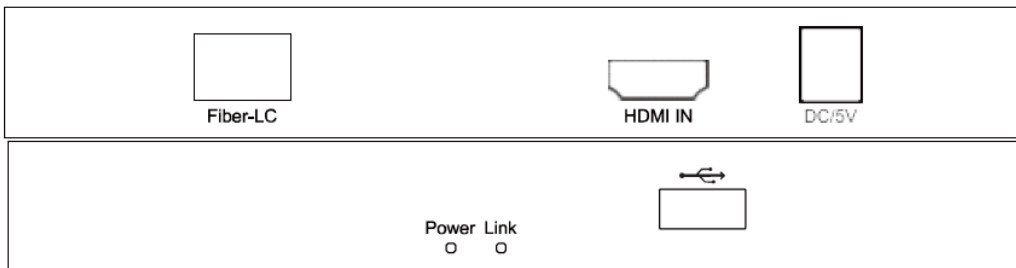
Parameter		Description
Video	Standards	HDMI 2.0 and HDCP 2.2
	Maximum pixel clock	600MHz
	Maximum data rate	18Gbps
	Resolution range	800 x 600, 1024 x 768, 1280 x 720, 1280 x 768, 1280 x 800, 1280 x 960, 1280 x 1024, 1360 x 768, 1366 x 768, 1440 x 900, 1600 x 900, 1600 x 1200, 1680 x 1050, 1920 x 1080, 1920 x 1200, 2560 x 1440, 2560 x 1600, 3840 x 2160P, 4096 x 2160P
	Connector	Female HDMI type A
	Impedance	100Ω
K/M	Interface	PC: MINI-USB Keyboard And Mouse: USB-A
Optical fiber	Interface	SFP model – LC connector
	Fiber type	Single-mode or Multimode
	Wavelength	Single-mode 1310nm, Multimode 850nm
	Interface bandwidth	18Gbps
	Transmission distance	OM3 Multimode fiber: 300M Single mode fiber: 10KM
Other	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 5W
	Temperature	Operating: -10℃ ~ +55℃
	Humidity	Operating: 5% ~ 90%
	Dimension (LxWxH)	163 x 86 x 24(mm)
	Gross weight	1.471KG
	The warranty	1 year free warranty



Ordering Information

Model	Description
BD-HD201KM-M	4K HDMI 2.0 KVM USB over Fiber Optic Extender, OM3 Multimode Fiber, 300 meters
BD-HD201KM-10	4K HDMI 2.0 KVM USB over Fiber Optic Extender, Single-mode Fiber, 10km

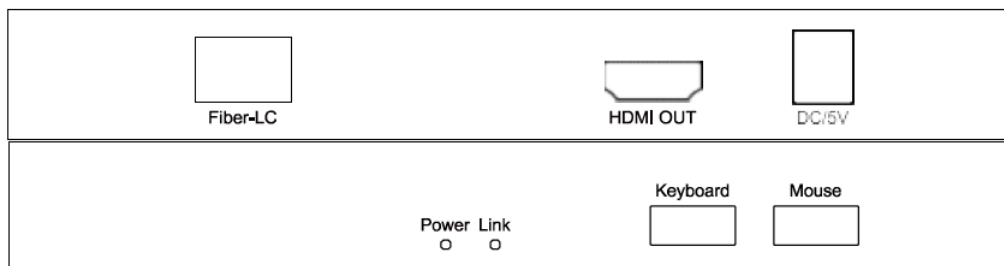
Panel

HDMI Transmitter



Ports	Function description
Fiber-LC	Fiber-LC type fiber port
HDMI IN	HDMI input
DC/5V	5V Power Interface
Power	power adapter indicator
Link	System working indicator
	 port(connect to PC)

HDMI Receiver



Ports	Function description
Fiber-LC	Fiber-LC type fiber port
HDMI OUT	HDMI output
DC/5V	5V Power Interface
Power	Power adapter indicator
Link	System working indicator
Keyboard	Connect to keyboard
Mouse	Connect to mouse