

## 1080P DVI KVM Fiber Optic Extender

Model No: FL201PS

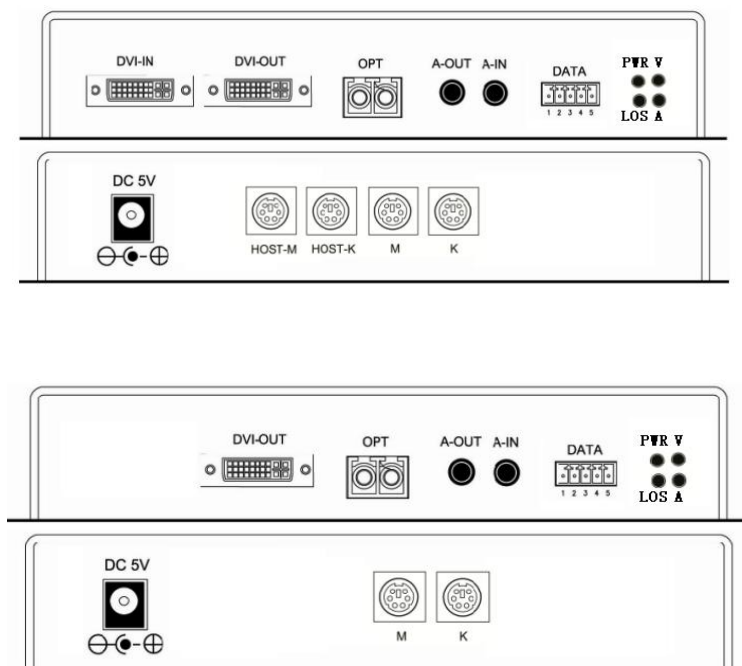
### Description

This Kind of DVI fiber extender could support 1080P resolution super HD video which uses special transfer chip to transfer DVI signal to 3G differential signal. It transmits the DVI video signal over optical fiber module and fiber cable so as transmit HD media video to a long distance from 0-80KM by different optical module. This product is no loss, no delay.

It supports external audio transmission. This product is ideal for large-screen display, conferencing systems and home entertainment and so on. The device has the ability of anti-interference, to ensure the stability of the signal.

### Features

1. Compliance with DVI1.0 standard,
2. Support DVI signal input or output.
3. Support PS2 keyboard and mouse, audio
4. The Receiver support the output of the DVI audio and the Independent stereo
5. Support 1080P, single mode fiber up to 20 KM
6. Real-time transmission of high-definition uncompressed digital DVI video signal, the video is clear and stable
7. Built-in ESD protection circuitry, can effectively prevent electrostatic damage
8. Site installation: plug and play, no need to set
9. Support serial unidirectional transmission



### Order Info

Model Number	Specification
FL201PS	1-ch DVI, 1-ch stereo audio, PS2 for K&B, single mode/multimode, single fiber, LC/UPC, stand alone case, standard 20KM
FL201PSD	1-ch DVI with loop on TX, 1-ch stereo audio, PS2 with loop on TX for K&B, 1-ch RS232, SM/multimode, single fiber, LC/UPC, stand alone case, standard 20KM

### Application

Broadcast level systemic high-definition HDMI transmission  
 HD video multimedia information publishing system in platform of subway station  
 HD video multimedia information publishing system in platform of train station  
 HD video signal long distance transmission of military exercises  
 HD video signal long distance transmission of security monitoring  
 HD video signal transmission of large performance  
 All kinds of occasions that need high definition video

## Specification

Video Input (Transmitter)	1xDVI input and 1xDVI loop out
Video Output (Receiver)	1xDVI output
Maximum Video Bit Rate	3Gbps
DVI Format	1920*1200@60Hz, 1080P, 720P, 576P, 480P/ VESA Resolution
EDID	Support
External Audio	1-ch stereo 3.5mm optional bidirectional 44.1K,48K,96K,176K,192K
PS2	For keyboard and mouse only
RS232	3-pin terminal block, ≤115200kbps
Wavelength	1310nm or 1310nm/1550nm
Output Optical Power	-9.5~-3dBm,average @1310nm
Receiver sensitivity	-21dBm,average @1310nm
Output Modulation Amplitude	180μW
Input Modulation Amplitude	≤15μW
Relative Speed	-116 DB/Hz
Return Loss	≤8 dB
Distance	single mode for 10KM standard, Up to 80KM max optional, multimode 150M
Working Temperature	-45°C~+70°C
Storage Temperature	-60°C~+80°C
Relative Humidity	0~95% (non condensing)
Size	220L×130W×33H (mm)
Power Supply	5V@2A

## Diagram

