

1080P HDMI Fiber Optic Extender

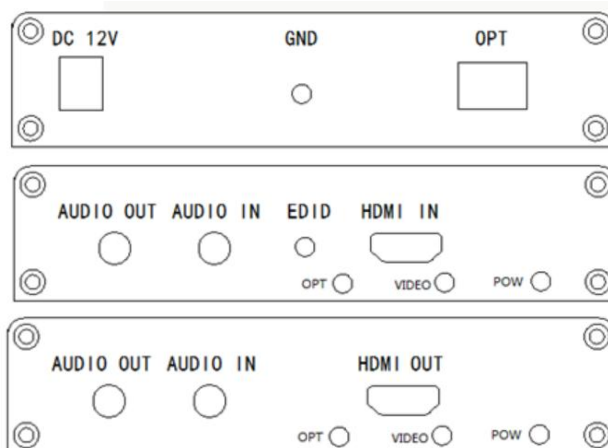
Model No: FL101A

Description

This Kind of HDMI fiber extender could support 1080P resolution super HD video which uses special transfer chip to transfer HDMI signal to 3G differential signal. It transmits the HDMI 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 HDMI 1.3 and 3D video. Support 720p/60Hz, 1080i/60Hz, 1080p/30Hz, 1080p/60Hz, 1920*1200@60Hz resolution and so on. Support 7.1 PCM stereo audio, compatible with DVI signal. Support DHMI hot plug, low power consumption, long distance, plug and play

Features

1. Full digital, zero compression and zero delayed
2. Support 1-ch HDMI with 1-ch external audio
3. Optional reverse 1-ch stereo audio
4. Support 3Gbps data rate
5. Compatible with HDMI1.3
6. Support 3D
7. Support video resolution up to 1920*1200@60Hz
8. Support to copy EDID.
9. Standard 20KM. Max 80km optional.
10. Compatible with DVI signal transmission.
11. Simple to install, plug and play.
12. Supports Customization and OEM.



Order Info

Model Number	Specification
FL101A	1-ch HDMI 1080P, 1-ch forward external stereo audio, single mode/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)	1xHDMI Type A, 19-pin, female
Video Output (Receiver)	1xHDMI Type A, 19-pin, female
Maximum Video Bit Rate	3Gbps
HDMI Format	1920*1200@60Hz, 1080P, 720P, 576P, 480P/ VESA Resolution
EDID	Support
External Audio	1-ch stereo 3.5mm 44.1K,48K,96K,176K,192K
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 20KM 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	116.5*110.5*25.8mm
Power Supply	12V@1A

Diagram

