

AUDIO VIDEO SYSTEM

HDMI 4k 60Hz Uncompressed with RS232 Fiber Converter

The HDMI Fiber optic converter provides extension of HDMI and 3D signals long distances over one fiber optic cable, it supports high resolution up to 4K*2K@60Hz, EDID copy and RS232 function. The converter can also use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

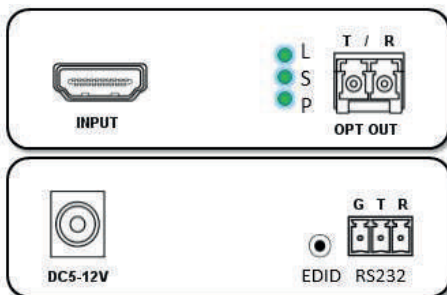


FEATURES

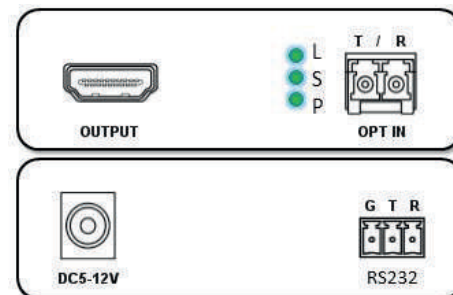
- Transmits HDMI video signals up to 2km-10km over a pair fiber optic cable
- Support video resolution max up to 4Kx2K@60Hz, 1080p@60hz; 3D
- Support copy EDID copy, can match many kind display device
- Support RS232 unidirectional transmission
- Compliance with HDMI 2.0 standard
- High compatibility, 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

PANEL

Transmitter



Receiver



Port name	Description
HDMI IN/OUT	HDMI signal input/output
EDID	EDID Copy button, Press 3 seconds, copy EDID from HDMI IN display device to system. If HDMI IN interface no display connect, restore default EDID.
DC/5V	Power adapter socket
TX/RX	TX: Transmitter RX: Receiver
RS232	Industrial Terminal
FIBER	SFP model --- LC connector
LED indicator	Description
L	Optical fiber signal connection indicator
S	Video signal connection indicator
P	System power indicator
TX/ Rx L,S, P All bright	Devices is on EDID,HDCP, pass-through process

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SPECIFICATIONS

Video	
Standards	HDMI 2.0 HDCP1.2
Maximum pixel clock	340 MHz
Maximum data rate	6.75Gbps
Resolution range	Up to 4Kx2K@60Hz, 3D, 1920*1200@60Hz
Connector	HDMI Type A
HDMI Cable Range	<5M(Resolution: 1920*1200@60Hz)
Impedance	100Ω
RS232	
Interface	
Interface	Industrial Terminal
Signal Direction	Unidirectional
Baud Rate	Self-adaptive,Max: 115200bps
Data Bits	8
Optical Fiber	
Interface	SFP model – LC connector
Fiber type	Single-mode
Wavelength	Single-mode 1310nm/ 1550nm
Interface bandwidth	10Gbps
Transmission distance	Single-mode fiber: standard 2km; maximum 10km Multi- mode fiber: < 300M
Other	
Power supply	The power adapter: DC 12V/1A
Power dissipation	Max. 5W
Temperature	Operating: -5°c ~ +70°c
Humidity	Operating: 5% ~ 90%
Dimension	94.5*73*26mm

ORDERING INFORMATION

P\N	Description
LHDMIU-4k6-232	HDMI 2.0 Uncompressed 4kx2k @ 60Hz & RS232 (KVM)