

# AUDIO VIDEO SYSTEM

## HDMI 4k 30Hz Uncompressed with RS232 Fiber Converter

It provides extension of HDMI and 3D signals long distances over one fiber optic cable, it supports high resolution up to 4K\*2K, EDID copy/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.

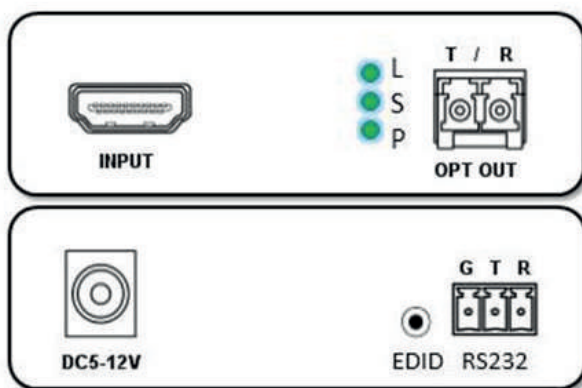


### FEATURES

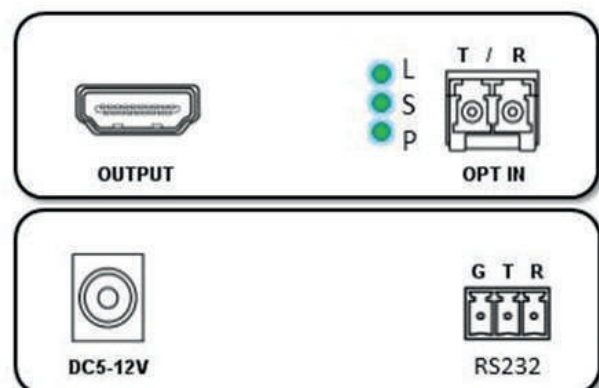
- Transmits HDMI video signals up to 2km-10km over a pair fiber optic cable
- Support video resolution up to 3860\*2160@30Hz, 3D signal
- Support copy EDID copy/pass-thru, can match many kind display device
- Compliance with HDMI 1.4 standard
- High compatibility, can auto-match source and display device
- Built-in automatic adjustment system, make the image smooth, clear and stable
- Built-in ESD protection system
- Simple to install, plug and play

### 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
FIBER	SFP model --- LC connector
LED indicator	Description
L	Optical fiber signal connection indicator
S	Video signal connection indicator
P	System power indicator

# AUDIO VIDEO SYSTEM

## SPECIFICATIONS

<i>Video</i>	
<i>Standards</i>	HDMI 1.4
<i>Maximum pixel clock</i>	225 MHz
<i>Maximum data rate</i>	6.75Gbps
<i>Resolution range</i>	Up to 3840*2160P@30Hz
<i>Connector</i>	Female HDMI Type A
<i>Impedance</i>	100Ω
<i>RS232</i>	
<i>Interface</i>	
<i>Signal Direction</i>	Single fiber:bidirectional Dual fiber:Unidirectional
<i>Baud Rate</i>	Self-adaptive,Max: 115200bps
<i>Data Bits</i>	8
<i>Optical Fiber</i>	
<i>Interface</i>	SFP model – LC connector
<i>Fiber type</i>	Single mode
<i>Wavelength</i>	Single mode 1310 nm
<i>Interface bandwidth</i>	10Gbps
<i>Transmission distance</i>	Single-mode fiber: standard 2km
<i>Other</i>	
<i>Power supply</i>	The power adapter: DC 5V/2A
<i>Power dissipation</i>	MAX 5W
<i>Temperature</i>	Operating: -5° c ~ +70° c
<i>Humidity</i>	Operating: 5% ~ 90%
<i>Dimension</i>	94.5*73*26mm

## ORDERING INFORMATION

P\N	Description
LHDMIU-4k3-232	HDMI 1.4 Uncompressed 4kx2k @ 30Hz & RS232 (KVM)