

## 4k HDMI Long Haul Fiber Converter RS-232

The 4K HDMI Fiber optic extender 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

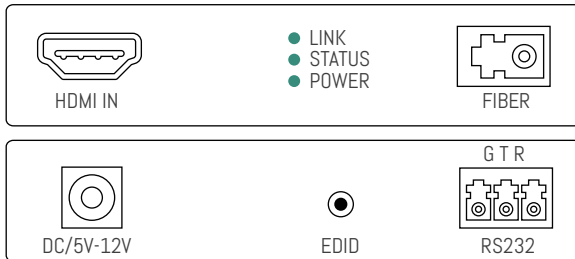


### FEATURES

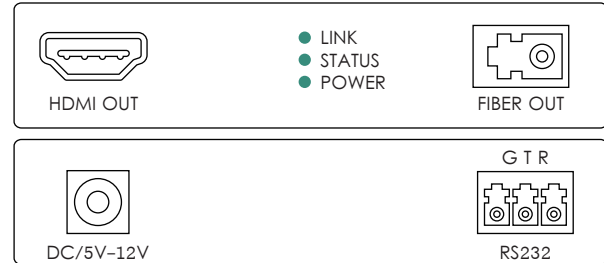
- Transmits HDMI video signals up to 300m over a pair fiber optic cable
- Support video resolution up to 3860\*2160@30Hz, 3D signal
- Support copy EDID copy/pass-thru, can match many kind display device
- Compliance with HMDI 1.4 standard
- High compatibility, can auto-match source and display device
- 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.Optical Fiber Interface
DC/5V	Power adapter socket
FIBER	SFP model --- LC connector
LED indicator	Description
LINK	Optical fiber signal connection indicator
STA	Video signal connection indicator
PWR	System power indicator

# AUDIO VIDEO SYSTEM

## SPECIFICATIONS

Video	
Standards	HDMI 1.3; HDCP 1.2
Maximum pixel clock	225 MHz
Maximum data rate	6.75Gbps
Resolution range	Up to 3840*2160@30Hz
Connector	Female HDMI Type A
Impedance	100Ω
Optical Fiber	
Interface	SFP model – LC connector
Fiber type	Multimode
Wavelength	Single-mode 1310nm or dual fiber (optional)
Interface bandwidth	10Gbps
Transmission distance	300 meters
Other	
Power supply	The power adapter: DC 5V/2A
Power dissipation	MAX 5W
Temperature	Operating: -56°c ~ +70°c
Humidity	Operating: 5% ~ 90%
Dimension	94.5*73*26mm

## ORDERING INFORMATION

P\N	Description
LHDMI4KRS232-X	HDMI Fiber Converter
X - M	Multimode, 2km
X - S	Singlemode, 20km
X - S40	Singlemode, 40km
X - S60	Singlemode, 60km