

# XPC-HUARI1T/R

HDMI 2.0 Fiber Optical Converter Set with Analog Audio , Infrared and RS232 Data



## Product Introduction

HDMI 2.0 Fiber Optical Converter. The device can transmit 1 channel 4K@60Hz HDMI with local video loop out, 1 channel keyboard and mouse, 1 channel bidirectional 3.5mm independent audio, 1 channel reverse IR , 1 channel bidirectional RS232 data through one core optical fiber, realizing no delay, no compression, high-quality signal extension of 10km . Designed for harsh environment use in temp. between -20/75°C.

## Technical Specs.

Model No	XPC-HUARI1T/R
Connector Type	1 port 4K@60Hz HDMI video with local loop out and 1 port bidirectional 3.5mm audio and 1 port bidirectional RS232 data , 1 channel reverse IR , 1 port single LC Fiber Port

## Performance

<b>Video</b>	HDMI 2.0
Video bandwidth	18Gbps
Resolution	480i ~1080p50/60Hz,4Kx2K@24/30Hz,4k2k@60Hz
Color space	RGB,YCbCr 4:4:4/4:2:2,YUV 4:2:0
Connector	HDMI Female Connector
Maximum pixel clock	594MHZ
Distance	≤10M Cable Length support

<b>Audio</b>	
Sampling frequency	48K
Sampling depth	24bit
Dynamic bandwidth	96db
THD	-88db
SNR	96db
Audio I/O impedance	600Ω
Signal level	VPP 3.5V
Connector	3.5mm stereo audio socket

<b>USB ( KVM )</b>	USB 1.1
TX Connector	1 x USB female type B
RX Connector	2 x USB female type A

<b>RS232</b>	3 wire full duplex
Baud rate	115200Kbps
Data bits	8

## Environment

Power Supply	DC 12V/1A
Operating/Storage Temperature	-20 - 75 °C / -40 – 85 °C
Humidity	5% - 95%, non-condensing
Size	163mm 100mm 29mm ( Aluminum alloy )
Weight	0.72kg/pair

## Standards and Protocols

CE	RoHS	ISO 9001
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## Ordering Information

XPC-HUARI1T/R	XP HDMI 2.0 Fiber Optical Converter Set with Analog Audio, IR and RS232 Data
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