

Manual for User **H.264**
HDMI EXTENDER
Via RJ45



1、 Description

The HDMI extender by single cable transmission distances to HD video signal, and at the same time support the distribution of signals to multiple receivers, serial data transmission, infrared back and external independent functions, such as audio transmission application of this equipment can adapt to a variety of complex environment, with excellent image processing and transmission capacity, makes signal transmission more smooth and steady, is a reliable and efficient way of HDMI signal extension.

2、 Features

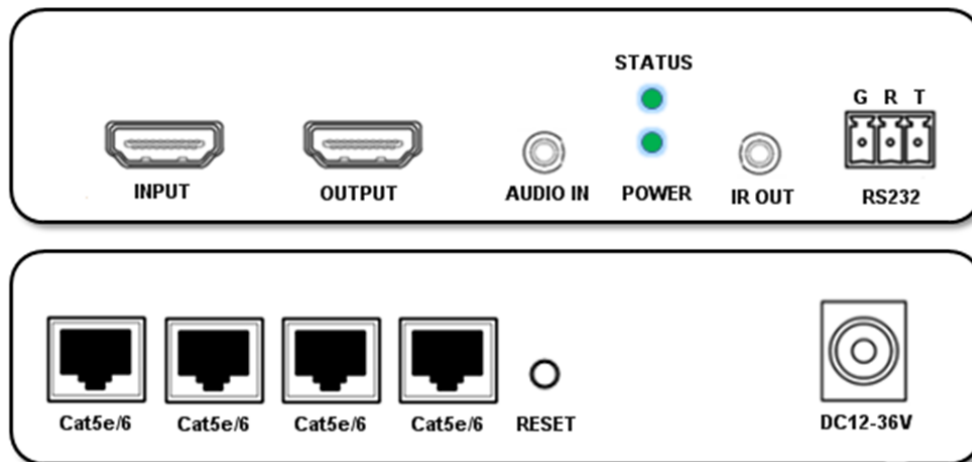
- Apply H.264 technology.
- Through the Cat6 cable transmission distances to HDMI video and audio signals, up to 200 meters;
- Transform one channel HDMI input to 4 channel Cat5e/6 signal output
- High definition video signal resolution up to 1920 * 1080 @ 60 Hz;
- Support external way forward simulation stereo audio signal transmission;
- Support HDMI local output, bi-directional serial data transmission ;
- Compatible HDMI 1.3 standard;
- Support 38kHz reverse infrared comes back
- HDCP 1.2 standard - high-bandwidth digital content protection technology;
- Able to automatically identify and configure the various display modes;
- Built-in automatic balance system, the picture is fluent, clear, stable;
- Built-in ESD electrostatic protection circuit, all-round protection system security;
- Simple and convenient installation, plug and play, do not need to set up;

3、 Specifications

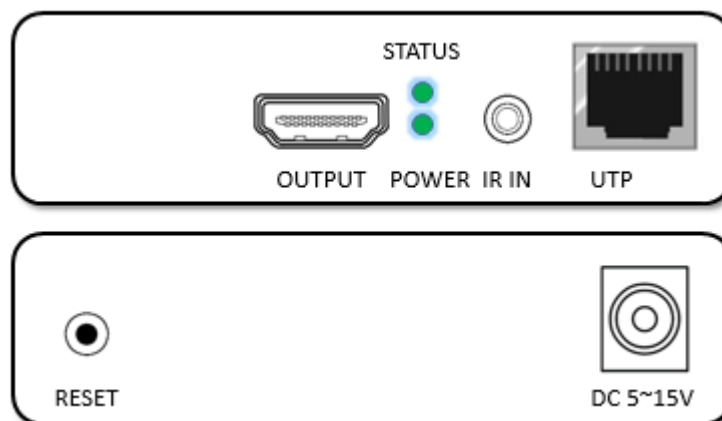
	Parameter	Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Compressed format	H.264
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	Max: 1920X1080@60Hz
	Connector	HDMI-A
	Recommend HDMI maximum input/output range	Less than 5 meters, when 1920 x1080 @ 60 Hz
IR	Interface	3.5mm earphone seat
	Signal direction	Unidirectional
Audio	interface	3.5mm Stereo audio socket
	Signal types	stereo
RS232	Interface	Industrial Terminal
	Signal Direction	Bidirectional
	Baud Rate	Self-adaptive,Max: 115200bps
	Data Bits	8
Ethernet	Interface	RJ45 x 4
	Transmission distance	CAT6---200m , CAT5e--150m, CAT5--120m
Other	Power supply	power adapter:DC12-36V
	Power dissipation	MAX 6W
	Temperature	Operating:-5°C ~ +70°C
	Humidity	Operating:5% ~ 90%
	Dimension	154*115*25mm

4、 Panel

Transmitter



Receivers



Port name	Description
INPUT/OUTPUT	HDMI signal input/output
AUDIO IN/OUT	Stereo audio input/output
RS232	Serial data interface (G : cathode , T : Transmitter , R : Receiver)
DC12-36V	Power adapter socket
RESET	Press for 5 second to restore system setting to factory default
IR IN/OUT	IR signal input/output
Cat5e/6	RJ45 Ethernet interface x4
LED indicator	Description
STATUS	Video signal connection indicator
POWER	System power indicator

