HDMI WIRELESS EXTENDER CST-100

Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before using this product.

1.0 Introduction:

HDMI extender with a standard Ethernet TCP/IP protocol, through wireless WIFI signal transmission HD audio and video signal, at the same time, with infrared extensions to make remote control more convenient.The equipment has excellent image processing and transmission capacity, makes signal transmission more smooth and steady, is a kind of economic and efficient way of HDMI signal extension.

2.0 Features:

1. HDMI video and audio transmission via wireless WIFI, up to 100 meters;
2. HDMI 1.3 compatible;
3. In accordance with standard HDCP1.2 ,high-bandwidth digital content protection technology;

HD video signal resolution up to 1920x1080@60Hz;

Support transmitter with HDMI Loopout;

Special format is to compress and decompress video,effectively improve the transfer efficiency,to ensure that the playback fluency;

Support external remote infrared extension, easy to operate the remote Device;

Able to automatically identify and configure a variety of display mode;

Built-in automatic balance system, the picture is fluent, clear and stable;

The built-in ESD electrostatic protection circuit, comprehensive security protection system;

Simple and convenient installation, plug and play, do not need to set up.

3.0 Packaging accessories:

1. HDMI transmitter--1 Pcs
2. HDMI receiver ---1 Pcs
3. 5V DC Power Adaptor--2 Pcs
4. IR RX Cable ---1 Pcs
5. IR TX Cable ---1 Pcs
6. User Manual---1 Pcs

4.0 Technical parameters:

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: 1920X1080p@60Hz
	Connector	HDMI-A
	Impedance	100Ω
	Recommend HDMI maximum input/output range	Less than 5 meters, when 1920 x1080p @ 60 Hz
IR	Interface	3.5mm Stereo audio socket
	Signal direction	Unidirectional
	Signal type	Digital
	IR frequency	20-60kHz
WIFI	Radio Frequency power	13dbm
	Wireless standards	802.11ac

	signal direction	Unidirectional
	Radio frequency	5.8GHz
	Transmission distance	300M
Other	Power	Adapter:DC 5V
	Power dissipation	MAX 15W
	Temperature	Operating：-5℃ ~ +70℃
	Humidity	Operating：5% ~ 90%
	Size	100*100*25mm
	Warranty	1 year free warranty

5.0 Panel Introduction:

Transmitter Panel
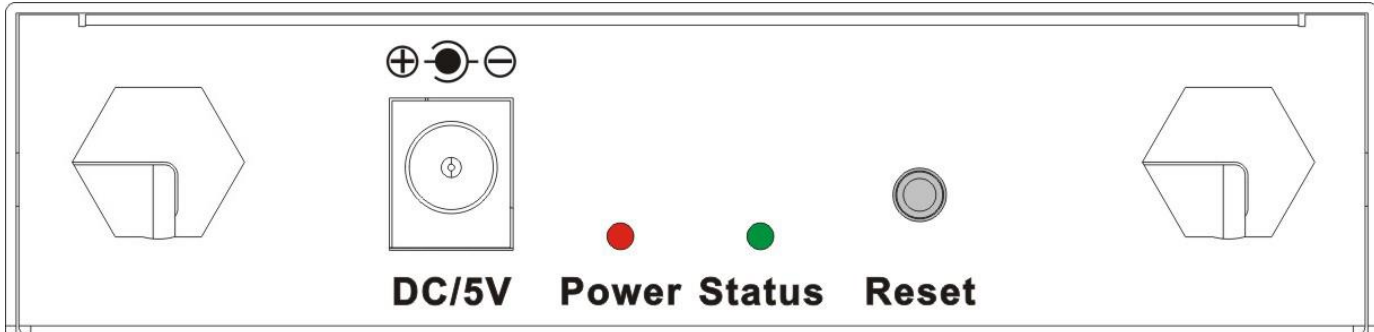
DC/5V --------------------------DC Power input port

Power --------------------------------Power status

Status ----------------------------HDMI signal status

Reset --------------------------------Reset button

HDMI Input ---------------------------HDMI input port

HDMI Output --------------------HDMI Loopout port

IR-TX ------------------------------------IR transmitter

Receiver Panel
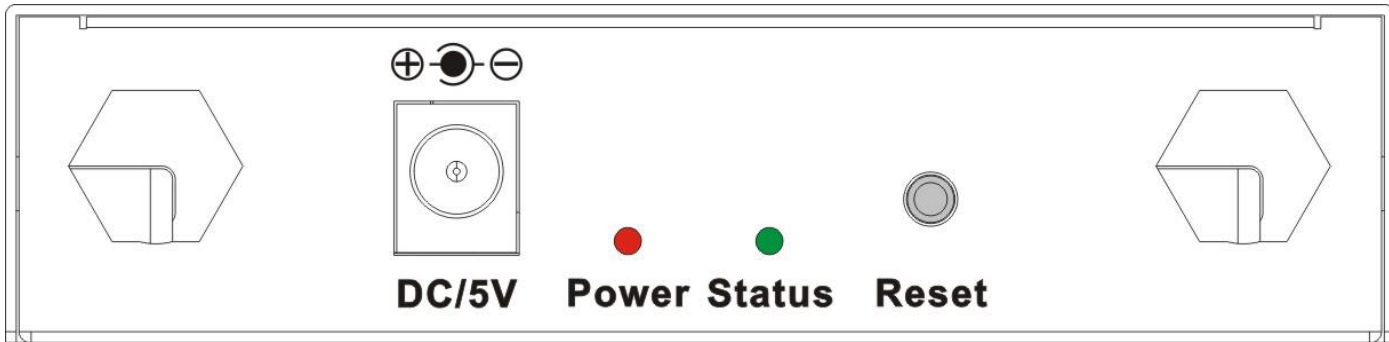
DC/5V --------------------------DC Power input port

Power ------------------------------------Power status

Status ----------------------------HDMI signal status

Reset -------------------------------------Reset button

HDMI Output ----------------------HDMI output port

IR-RX ---------------------------------------IR receiver

6.0 Connection diagram:

ONE TO ONE
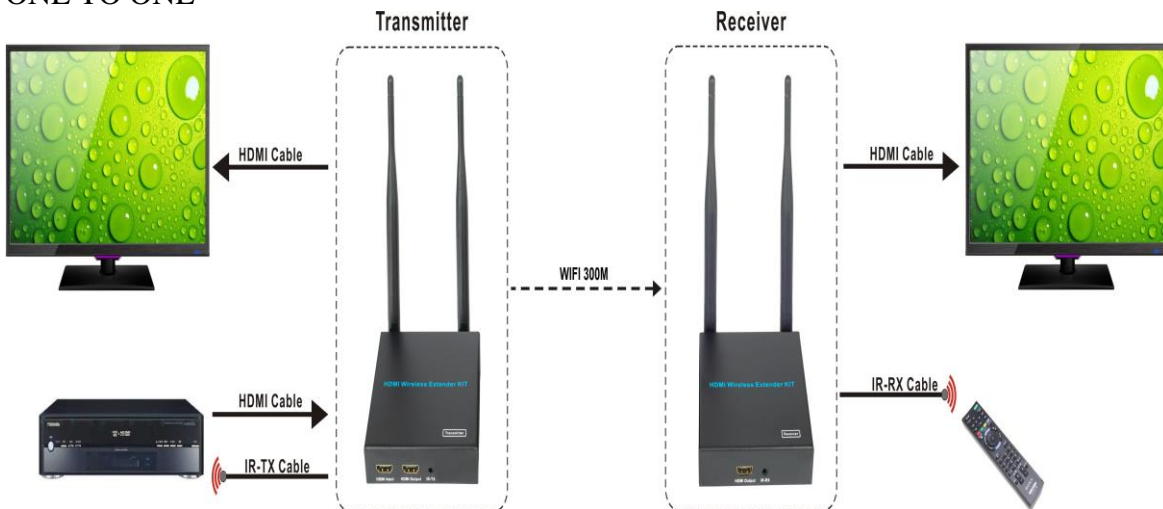
6.01 The HDMI source access HDMI extender sender;

6.02 Connect the HDMI extender the receiver to a display device (such as high-definition TV, splicing screen, etc.);

6.03 Configure infrared to control function: send infrared line link extender transmitter, the receiver of the infrared receiving line access extender, And aim the infrared emission head needs to control device of the infrared receiver mouth;

6.04 Confirm the transmitter and the receiver is placed within the effective distance Steer clear of obstructions;

6.05 To the sender and the receiver connected to the power, when the light is normal lights up, normal operation of system.

7.0 Installation and Precautions

To avoid electric shock , product damage and to protect your safety , please notice the following:

1.Please slowly plug or unplug signal cables and do not often plug , unplug , or shake them.

2.The equipment should not be placed under the sun , rain and damp or unventilated environment.

3.Liquid items should not be placed on the equipment.

4.Do not install the equipment near heat sources such as fire , power , or other amplifiers that produce heat.

5.Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.