成品尺寸：80*123MM
正反单色印刷128g铜版纸

4K@60Hz 100M HDMI Extender
Model：HT129

USER MANUAL

1.Description

The extender provides extension of HDMI signals long distances up to 100m over a single CAT6 cable. It supports high resolution up to 3840*2160@60Hz and Infrared signal transmission. 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.

2.Features

- Transmits HDMI video and audio signals up to 100M over a single CAT6 cable;
- Support video resolution up to 3840*2160@60Hz signal;
- Supports screen formats YUV444 and RGB444;
- Compliance with HDMI 2.0 and HDCP 2.2 standard;
- Standard Ethernet IEEE-568B connection for easy installation；
- High compatibility, can auto-match source and display device;
- Built-in automatic adjustment system, make the image smooth, clear and stable;
- Simple to install, plug and play;

3.Package list

① HDMI transmitter		1 pcs
② HDMI receiver		1 pcs
③ USB-A to USB-B Cable		1 pcs
④ IR transmitter/receive cable		1 pcs
⑤ User manual		1 pcs
⑥ Power adapter		2 PCS

4.Specifications

Parameter		Description
Video	Standards	HDMI 2.0; HDCP 2.2
	Maximum pixel clock	340MHz
	Maximum data rate	18Gbps
	Maximum resolution	3840*2160@60Hz
	Connector	HDMI-A
	Impedance	100Ω
IR	Interface	3.5mm earphone seat
	IR frequency	28Khz-61Khz
UTP	Interface	RJ45
	Transmission distance	CAT6 - up to 100M at 4K@60，
R232	Interface	Industrial Terminal
	Signal Direction	Duplexing
	Baud Rate	Self-adaptive,Max: 115200bps
	Data Bits	8
Other	Power supply	The power adapter: DC 12V
	Power dissipation	MAX 13W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	123*82*23mm
	The warranty	1 year free warranty

5.Panel

Transmitter:

Receiver:

Item	Description	Item	Description
1	IR IN/OUT	1	IR Input/Output
2	HD IN/HD OUT	2	HDMI Input/Output
3	UTP	3	RJ45 cable port
4	USB	4	USB Host is connected to your console or laptops
5	K/M	5	Keyboard/mouse
6	T/G/R	6	RS232 interface with TXD/GND/RXD at the terminal
7	DC12V	7	The power input
8	LED indicator	8	Description
9	LINK	9	Normal state often off, flashing once: NO Link; flashing three times: forward video normal, reverse data abnormal; flashing four times: forward video abnormal, reverse data normal
10	STA	10	The light is always on when it is in normal condition
11	PWR	11	Power lamp

6.Diagram
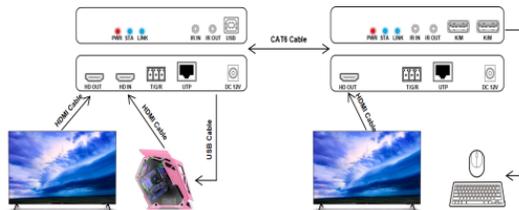
7.Installation

1、The HDMI signal source (such as set-top boxes, Blu ray DVD, computers, etc.) access to the HDMI transmitter ;

2、Connect the receiver of the HDMI extender to the display device (such as a high definition TV, a tiled screen, etc.);

3、Use the network cable (recommended 6 types of cable) to connect the sender and receiver network interface;

4、Will be the transmitter or the receiver connected to a power source, when the indicator lights up normally, normal operation of system.

8.Warranty

Thank you very much for using our products.

The warranty time is one year and life–long maintenance. During this period, any belongs to under normal usage circumstance cause because of the product quality's problem of breakdown, our company will be responsible for giving free maintain.

⚠ **Safety instruction**

1.The malfunction and damaged caused by incorrect use, the unauthorized repairs and alteration;。

2.The damage caused by fire, flood, abnormal voltage, other natural disasters and secondary product damage;

3.The product malfunction caused by not in accordance with the user manual operation;

4.The malfunction and damaged caused by the other barriers (man–made factors or external device).

If you need after–sales service, please contact us directly, and provide complete warranty card and purchase note.