TECHNOLOGIES

HHE-150LKVM

HDMI EXTENDER OVER LAN WITH 150M KVM (IP)

The extender provides extension of HDMI signals long distances over a single CAT6 cable, it supports high resolution up to 1080p, KVM 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.

FEATURES :

* Transmits HDMI video and audio signals up to 150m over a single CAT cable
* Support video resolution up to 1920*1080P@60Hz;• Support keyboard and mouse
* Support over TCP/IP;• Compliance with HDMI 1.3 and HDCP 1.2 standard
* High compatibility, can auto-match source and display device
* Built-in automatic adjustment system, make the image smooth, clear and stable
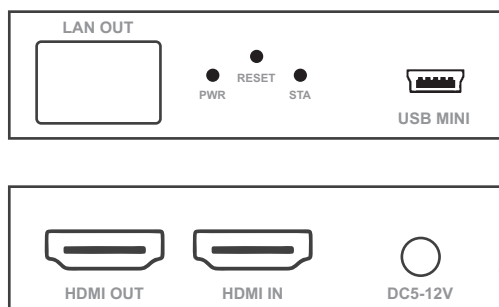* Simple to install, plug and play.

PACKAGE CONTENTS :

* HDMI transmitter	1 Pc
* HDMI receiver	1 Pc
* Power adapter	2 Pc
* MINI USB Cable	1 Pc
* User manual	1 Pc

SPECIFICATIONS :

Brand		HOC
	Parameter	Description
Video	Standards	HDMI 1.3;HDCP 1.2
	Compressed format	H.264
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080P@60Hz
	Connector	HDMI-A
	Impedance	1000Ω
USB	Interface	USB: Mini USB interface is connected to PC K/M: connect USB keyboard and mouse;
	USB signal	HID Signal
UTP	Interface	RJ45
	Transmission distance	CAT6---150m CAT5E---150m
OTHER	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 3.3W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	94*71*26mm
	The warranty	1 year free warranty

PANEL DESCRIPTION :

TRANSMITTING UNIT

```
LAN OUT
              · RESET ·
            PWR      STA        USB MINI

HDMI OUT    HDMI IN    DC5-12V
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RECEIVER UNIT

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LAN OUT
              · RESET ·
            PWR      STA        K/M

HDMI OUT              DC5-12V
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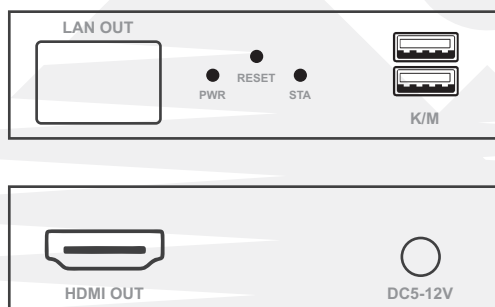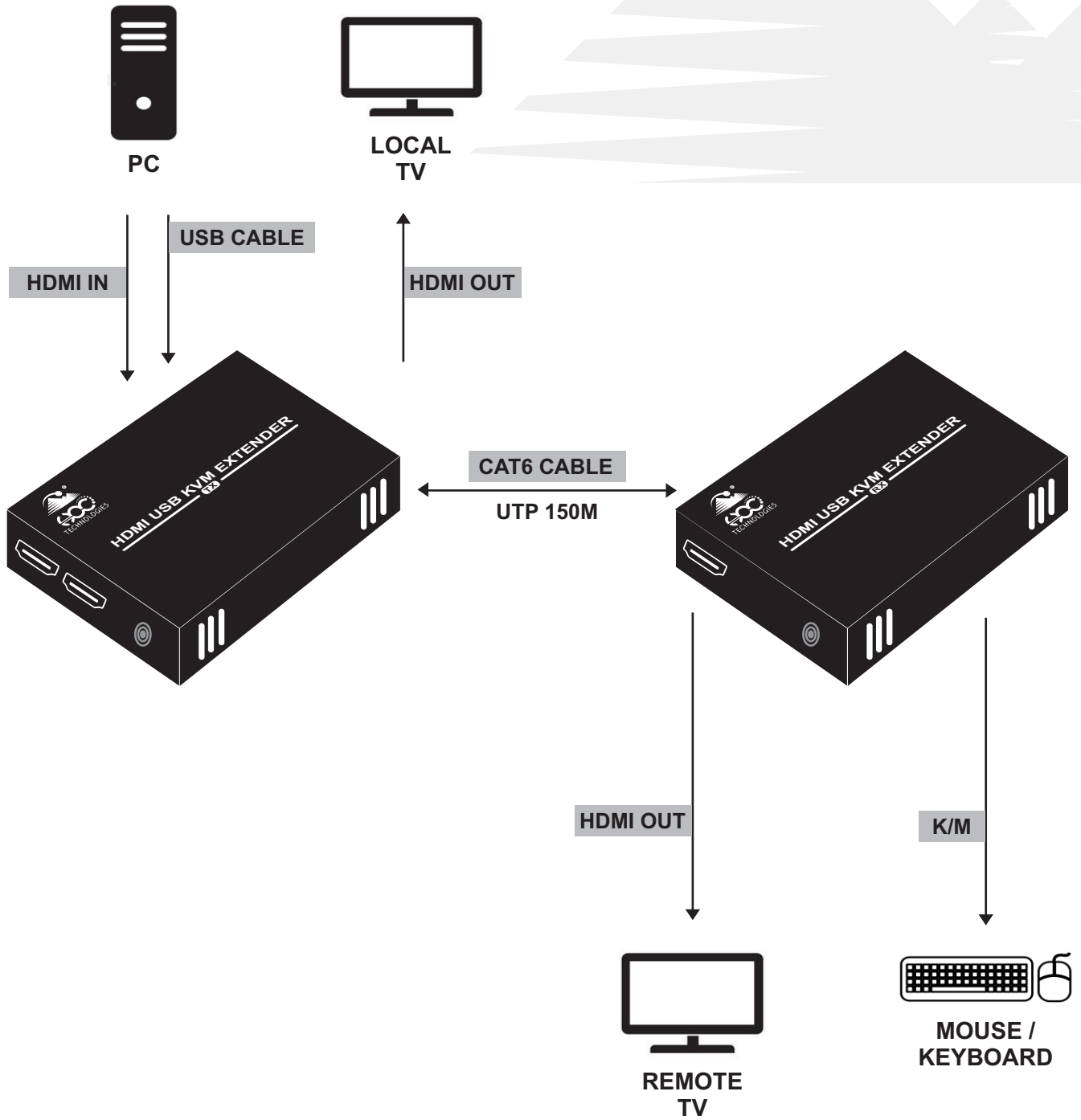
Port Name	Description
HDIN/HDOUT	HDMI signal input/output
UTP	RJ45 port connect cat6
USB MINI	USB cable connect to PC
K/M	connect to keyboard and mouse
RESET	System reset button, press 5 seconds
DC5-12V	Power adapter socket
LED Indicator	Description
PWR	System power indicator
STA	Video signal indicator

CONNECT AND OPERATE :

1. Connect a source such as a Blu-Ray Player, game console, A/V Receiver, Cable or Satellite Receiver, etc. to the HDMI input and connect the PC with the USB input via the USB cable on the Transmitting unit.

2. Connect a display such as an HDTV or HD Projector to the HDMI output and connect the mouse, key board to the USB-MINI ports on the Receiving unit.

3. Connect a single Category 5e/6 up to 492f/150m to the output of the Transmitting unit, and the other end to the input of the Receiving unit.

4. For power, plug both the Transmitting unit and Receiving unit with the included power supplies.

5. Power on each device in the same sequence (receiver and transmitter will already be powered when either unit is plugged in.)

MODE 1 : ONE TO ONE

PC

LOCAL
TV

USB CABLE

HDMI IN

HDMI OUT

HDMI USB KVM EXTENDER

CAT6 CABLE

UTP 150M

HDMI USB KVM EXTENDER

HDMI OUT

K/M

REMOTE
TV

MOUSE /
KEYBOARD

MODE 2 : ONE TO MANY (MAX 253)

PC

LOCAL TV

USB CABLE

HDMI IN

HDMI OUT

HDMI USB KVM EXTENDER

CAT6 CABLE

UTP 150M

NETWORK SWITCH

HDMI USB KVM EXTENDER

HDMI USB KVM EXTENDER

HDMI USB KVM EXTENDER

HDMI OUT

K/M

HDMI OUT

K/M

HDMI OUT

K/M

MOUSE / KEYBOARD

MOUSE / KEYBOARD

MOUSE / KEYBOARD

REMOTE TV

REMOTE TV

REMOTE TV