CECOFLEX®

User Manual

4K HDMI 2.0 Extender KVM 300ft/100m

HDMI 4K@60Hz HDR
EDID and RS232
HE155SK2

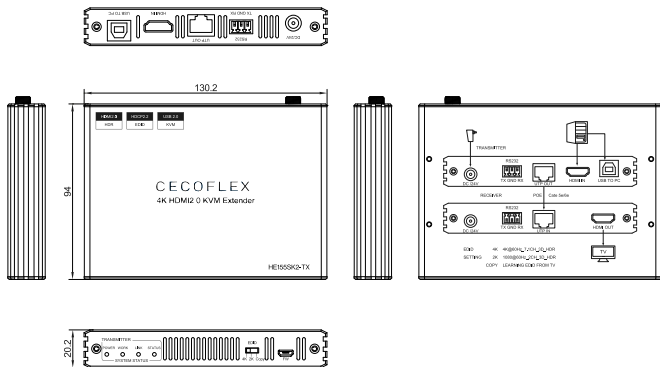Make Installation Easy

OVERVIEW

HDMI2.0 Extender HE155SK2-KIT supports uncompressed HDMI 2.0 4K@60Hz, HDR, HDCP2.2; Supports bi-directional PoE, bi-directional RS232, USB2.0 and EDID management, CEC pass through. It provides distribution of uncompressed 3840 x 2160@60Hz video, up to 100m/300ft over a single Cat6a/7 cable. Allows you to use the mouse and keyboard to control your computer remotely

FEATURES

- Extend UHD HDMI signal and USB2.0 signal to remote HDMI display up to 300ft/100m.
- Supports HDMI 2.0 4K@60Hz, HDR,HDCP 2.2.
- Supports USB2.0,three USB2.0 ports on receiver.
- EDID management. Easy to configure 4K/2K/pass through.
- CEC pass through.
- Supports HDMI 4K@60Hz, HDR up to 300ft/100m.
- Support 3D, Support deep color 30bit, 36bit.
- Supports Blue-Ray 24/50/60fs/HD-DVD/xvYCC.
- Supports HDMI signal re-timing, never lose quality.
- Supports bi-directional PoE, one power adapter powers on TX and RX; Either TX powers on RX, or RX powers on TX .
- Supports bi-directional RS232, easy to connect to control system.
- Dolby Digital Audio format, HDMI ports support Dolby Digital 7.1CH Audio; DTS-HD Master Audio/Dolby-AC3/DSD/LPCM, DTS:X, Atoms.
- Multiple easy installation, include metal mounting ear, HOOK&LOOP.
- Plug and Play; Installs in minutes.
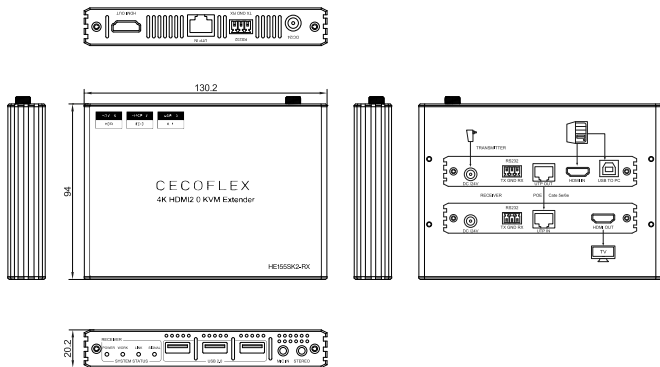
PRODUCT DIAGRAM

HE155SK2-TX

CECOFLEX

4K HDMI2.0 KVM Extender

HE155SK2-TX

Package Accessories:

❶ HDMI Extender Transmitter x1   ❹ USB A to B cable x1

❷ HDMI Extender Receiver x1   ❺ Reusable Cable Tie x2
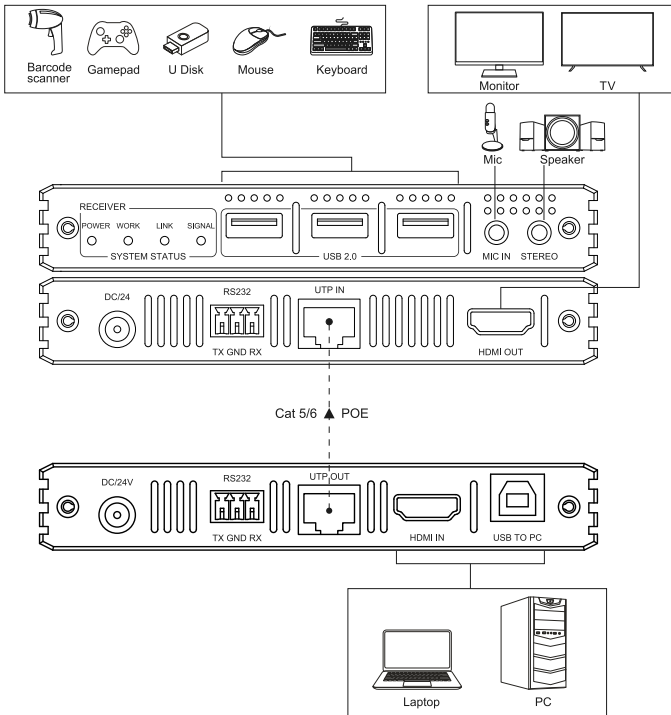
❸ Power Adapter x1   ❻ User Manual x1

PRODUCT DIAGRAM

HE155SK2-RX

1. Connect HDMI cable from HDMI source devices to HDMI Extender input.Connect USB cable from PC to HDMI Extender USB-B input.
2. Connect network/Ethernet cable from UTP out (Transmitter) to UTP input (Receiver).
3. Connect HDMI cable from HDMI output (Receiver) to HDMI input on your display.

INSTALLATION

Barcode scanner   Gamepad   U Disk   Mouse   Keyboard

Monitor   TV

Mic   Speaker

RECEIVER

POWER   WORK   LINK   SIGNAL

SYSTEM STATUS   USB 2.0   MIC IN   STEREO

DC/24   RS232   UTP IN

TX GND RX   HDMI OUT

Cat 5/6   POE

DC/24V   RS232   UTP OUT

TX GND RX   HDMI IN   USB TO PC

Laptop   PC

TROUBLE SHOOTING

1. POWER: Make sure all devices are powered on.

2. INDICATOR: Check LED indicators of HDMI Extender Transmitter and Receiver are on. Please refer to below LED indicators description.

LED Indicators Description		
	LED	**Description**
1	Power LED (Red)	On: The device is powered on. Off: The device is powered off.
2	WORK LED (Blue)	Blinking: The device is working properly. Off: The device is not working properly.
3	Link LED (Blue)	On: Link between transmitter and receiver hasbeen established. Off/Blinking: Connection exceptions exist betweentransmitter and receiver.
4	STATUS LED Blue)(TX)	On: Audio and Video signal input is Normal. Off: No Audio and Video signa.l
	SIGNAL LED (Blue)(RX)	On/Blinking: Audio and video signal is Normal. off: No Audio and video signal.

3. DEVICES: Make sure picture can be shown normally when connecting HDMI source to display devices directly.

4. HDMI CABLE: Plug in and out HDMI 2.0 cable or change another HDMI cable. When transmit HDMI 4K@60Hz signal,HDMI 2.0 certificated cables is required.

5. NETWORK CABLE:
   5-1 Please use Cat5e/6a/7 cable, don't suggest use Cat5.
   5-2 Make sure CatX cable is less than 300ft for 4K.
   5-3 Make sure the two connectors of one CatX cable are same standard (EIA/TIA 568B).

6. COMPATIBILITY: Please test other source and display devices to determine whether it is a compatibility issue.

SPECIFICATIONS

HDMI version	HDMI 2.0	HDCP version	HDCP 2.2
HDMI resolution	4K*2K/1080p/1080i/720p/576p/576i/480p/480i	Video format	4bit/30bit,36bit deep color
Audio format	Dolby true HD/DTS-HD/LPCM7.1/Dolby-AC3/DSD/DTS:X, Atoms		
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)	Max working current	500mA
Input/Output DDC signal	5Volts p-p (TTL)	Operating Humidity range	5 to 90%RH (No Condensation)
Power adapter format	Input AC 100V-240V/50HZ,60HZ; Output: DC24V/0.7A	Operating Temperature range	(-15 to +55℃)
Dimension (LxWxH)	130.2*94*20.2 (mm)	Weight	380g

USING TIPS

- Re-powering and unplugging the USB cable or network cable is a common troubleshooting method.

- If the USB port is connected to a large-capacity portable hard disk, you may need to provide additional power to the hard disk.

- The device only needs to be powered on the receiver, and the transmitter is powered by USB HOST.

- When you use a webcam, no more than 2.

- Do not extend the distance more than 50 meters.

NOTES

Please use this machine based on below instructions to keep longer lifetime.

1. The machine should be placed at the spot far away from the Damp, High-Temperature, Dusty, Erosive, and Oxidant environment.

2. All parts will be free from the strong shake, hit, fall.

3. Touching the device with the wet hands is prohibited.

4. Please turn power off when machine is not used for long time.

5. Please do not open the cover and do not touch the inside parts.

6. Please use the original factory power adaptor.

7. Before power on, please check the connection cable carefully. And make sure that all interfaces are normally connected.

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