



# **4K 60Hz HDR HDMI KVM Over Cat6 Extender with S/PDIF & Touch Screen Support User Manual**



04-1377B

P/N: CE-H27811-S1

## Features

- Support HDMI 4K@60 4:4:4 8bits,
- Support HDCP 2.2 & 1.4
- Support HDR which is 4K2K@60 4:2:0 10bits
- Extend 4K@60Hz video up to 230ft/70m through a Cat6/6a/7 network cable
- Support EDID learning
- Support HDMI loop-out on Transmitter
- Support audio extraction via Toslink of Receiver
- HDMI Audio Format: PCM2/5.1/7.1, Dolby & DTS 5.1
- Toslink Audio Format: PCM2, Dolby 5.1& DTS 5.1
- Support USB 2.0 extend for keyboard & mouse only
- **(support Capacitive/Resistive touch screen)**
- Lightning Protection, Surge Protection, ESD Protection

## Package Contents

- Transmitter & Receiver
- Power adapter DC 5V/2A x2
- USB 2.0 Type-A to A cable
- Mounting kits
- User Manual

# Layout

## Transmitter (TX)



1. **POWER JACK:** DC 5V/2A
2. **HDMI OUTPUT:** Connect to HDMI display
3. **HDMI INPUT:** Connect to HDMI source
4. **USB port:** Connect to the USB port of PC for receiver's Keyboard & Mouse use.
5. **KVM Light:**  
Left LED light on when USB connected to PC.  
Right LED flash when USB transmission.
6. **Reset BUTTON:** Press to restart the device
7. **RJ-45:** Connect to Receiver with Cat6 cable
8. **Power/Signal LED:**  
Flash when no HDMI signal.  
Solid blue when HDMI signal connected.

## Receiver (RX)



1. **POWER JACK:** DC 5V/2A
2. **Toslink Output:** For audio extract
3. **HDMI OUTPUT:** Connect to HDMI display
4. **USB port:**  
For keyboard & mouse only  
Support wireless keyboard & mouse  
support Capacitive/Resistive touch screen
5. **KVM Light:** The LED only light on when the keyboard or mouse connected.
6. **Reset BUTTON:** Press to restart the device
7. **RJ-45:** Connect to Transmitter with Cat6 cable
8. **Power/Signal LED:**  
Flash when no HDMI signal.  
Solid blue when HDMI signal connected.

## EDID Learning

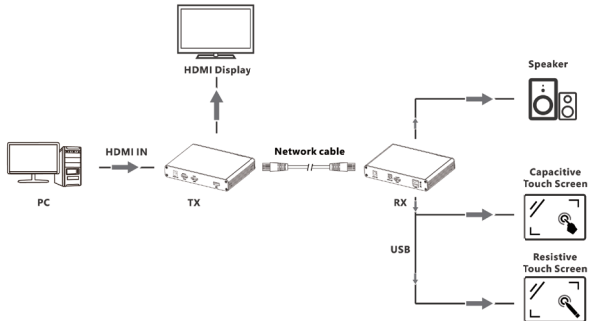
- The extender will auto-learning RX connected display EDID.
- If the TX loop-out connected display also, the device will use the smaller display EDID of two displays.

For example

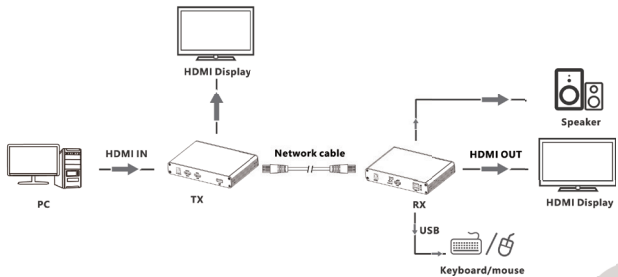
1. Two displays are 4K@60 & 1080p@60, the extender will use 1080p@60 EDID. Two displays output resolution will be 1080p@60.
  2. Two displays are 4K@60, the extender will use 4K@60 EDID. Two displays output resolution will be 4K@60.
- Please press the reset button to re-learning EDID after a display change.

# Application

## 1. Touch screen connection



## 2. Mouse and keyboard connection



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**WE REALLY  
APPRECIATE  
YOUR PURCHASE**

***~thank you~***

## **Support**

For more info or tech support

**<http://www.siiig.com/support>**

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