ipcolor 4K HDMI 2.0 Extender Daisy Chain Transmission Kit

User Manual

TWO YEAR Manufacturer Warranty

04-1328B

P/N: CE-H26M11-S1

Features

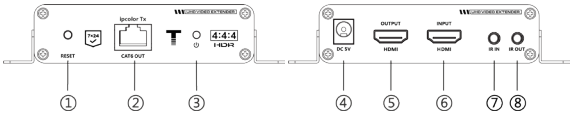
- Support HDMI 2.0, 4K@60 4:4:4 8bits,
- Support HDCP 2.2 / 1.4 & HDR 10
- Extend 4K@60Hz video up to 230ft through a Cat6 cable
- Support daisy chain to extend HDMI single to the next Transceiver, up to 10 level.
- Support EDID learning
- Support HDMI loop-out on Transmitter
- Support audio extraction via Toslink of Transceiver
- Support ARC via Toslink of Transceiver
- HDMI Audio Format: PCM2/5.1/7.1, Dolby & DTS5.1
- Toslink Audio Format: PCM2, Dolby 5.1, DTS 5.1
- Support bi-directional IR passback (20-60KHz)
- Lightning Protection, Surge Protection, ESD Protection

Package Contents

- Transmitter & Transceiver
- Power adapter DC 5V/2A x2
- IR blaster cable
- IR receiver cable
- Mounting kits
- User Manual

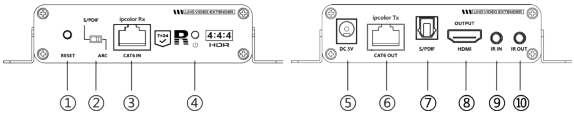
Layout

Transmitter (TX)



1. **Reset BUTTON:** Press to restart the device
2. **RJ-45 output:** Connect to Transceiver with Cat6 cable
3. **Power/Signal LED:** Flash when no HDMI signal. Solid blue when HDMI signal connected.
4. **POWER JACK:** DC 5V/2A
5. **HDMI OUTPUT:** Connect to HDMI display
6. **HDMI INTPUT:** Connect to HDMI source
7. **IR in:** Connect with IR receiver extension cable, please make sure the remote control used is within the effective range
8. **IR out:** Connect with IR blaster extension cable, please get closer to the source device while using

Transceiver(RX)



1. **Reset BUTTON:** Press to restart the device
2. **Audio Switch:** Select extract audio from HDMI Input or ARC from TV, for Toslink use.
3. **RJ-45 input:** Connect to Transmitter with Cat6 cable
4. **Power/Signal LED:** Flash when no HDMI signal. Solid blue when HDMI signal connected.
5. **POWER JACK:** DC 5V/2A
6. **Daisy chain RJ-45:** Connect to next Transceiver with Cat6 cable
7. **Toslink Output:** For audio extract or ARC use
8. **HDMI OUTPUT:** Connect to HDMI display
9. **IR in:** Connect with IR receiver extension cable, please make sure the remote control used is within the effective range
10. **IR out:** Connect with IR blaster extension cable, please get closer to the source device while using

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.

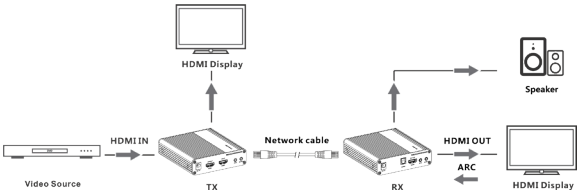
- Please press the reset button to re-learning EDID after a display change.

ARC

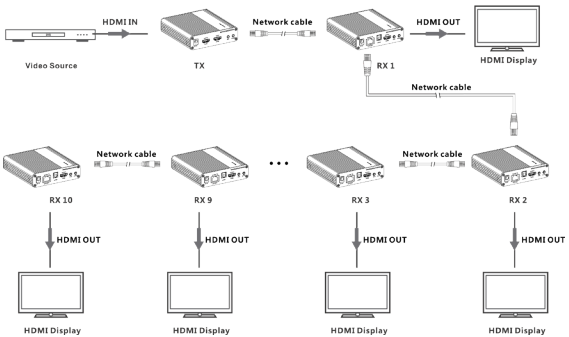
- ARC & Audio extract can not work at the same time. Only one function can selected at once.
- ARC has to connect to ARC port of TV and enable ARC function of TV

Application

One to One



Daisy chain



• Note:

1. Daisy chain maximum is One Transmitter and Ten Receivers
2. For the best quality, please use Cat6 cable less than or equal 165 ft when Daisy chain.

Daisy chain

- The resolution will follow the first Receiver.
- If the first RX uses 1080p EDID, all daisy chain RXs will get the 1080p signal.

  e.g. RX1 1080p -> RX2 1080p -> RX3 1080p -> RX4 1080p -> ...RX10 1080p
- If the first RX uses 4K@60 EDID, all daisy chain RXs will get the 4K@60 signal.

  e.g. RX1 4K@60 -> RX2 4K@60 -> RX3 4K@60 -> RX4 4K@60-> ...RX10 4K@60
- Only daisy chain RXs (not include first RX)support 4K@60 downscaling to 1080p. When the daisy chain uses 4K@60 signal, but connect to 1080p or 4K@30 displays, the resolution can auto down to 1080p to avoid 1080p or 4K@30 displays can not display 4K@60 signal.

  e.g. RX1 4K@60 -> RX2 1080p -> RX3 4K@60 -> RX4 1080p-> ...RX10 4K@60
- Daisy chain RXs still can extend IR signal
- Daisy chain RXs still can support audio extraction or ARC function
- Daisy chain maximum is One Transmitter and Ten Receivers

Dear Valued Customer

WE REALLY APPRECIATE YOUR PURCHASE

~thank you~

Support

For more info or tech support

http://www.siig.com/support