

IV. FAQ

Q:TV is black screen and OSD displays "Searching TX" on the left corner?

A:Check TX.LAN switch and network cable connection and make sure all of them are powered on.

Q:TV is black screen and OSD displays "Check TX'S input signal" ?

A:1)Check if the RX and TX has HDMI signal input.

2)Change HDMI cable to retest.

Q:Video is stuck and unstable?

A:Check if TX to LAN switch and LAN switch to RX network cable are too long.

V. Technical Specifications

Power Supply	1pc X DC 5~12V/1A
Supports resolutions	1080p@50Hz / 1080p@60Hz / 1080p@24Hz 1080i@50Hz / 1080i@60Hz / 720p@50Hz 720p@60Hz / 576i@50Hz / 480p@60Hz
Working Temperature	-10°C~60°C
Link Connector	UTP/STP CAT5e/6
3.5mm Audio Output Power	60mW THD<0.1% SNR 110dB
Power Consumption	3W (max) each
IR Frequency Range	20KHz~60KHz
PoE distance	Cat5 100meters@12V Cat5e 120meters@12V Cat6 150meters@12V
Relative Humidity	20%~90%
Dimensions	123x64x25mm

Disclaimer

Design and specifications of this unit are subject to change without prior notice. Pictures are for reference only. Products may differ slightly from images shown.

HDMI Ethernet Extender

--IR Control • Audio Extractor--

IMPORTANT SAFETY INSTRUCTIONS

1. Do not unplug the device ,when it is in using,keep distance from inflammable and explosive devices.
2. Power Supply :DC 5V/1A ,Use only the supplied power supply unit ,Do not use the power supply if it is damaged.
3. Do not unplug the device , when it is in using, keep distance from inflammable and explosives.
4. Power Supply: DC 5V,Use only the power adapter and power cords and connection cables designed for this unit.

I. Package Contents



II. Features

1. Powerful processing capability keep lower video latency < 150ms.
2. Broadcast mode transmit HDMI signal from one source to multiple receivers.
3. Sending IR signal from receiver side to sender side.
4. Supports resolutions up to 1080p Full HD
5. HDCP compliant
6. Extend transmit distance to 20Km over cascaded ethernet switch/router. or LAN connection ,Cable length requirements are as follows
 - CAT5 Maximum 100 meters between two Devices
 - CAT5e Maximum 120 meters between two Devices
 - CAT6 Maximum 150 meters between two Devices
7. Receiver supports 3.5mm audio extractor function .
8. Wide range power supply 5V~12V.
9. 5~12V POE power Supply (POE power can not pass Router).
10. Support wide Band IR remote control.

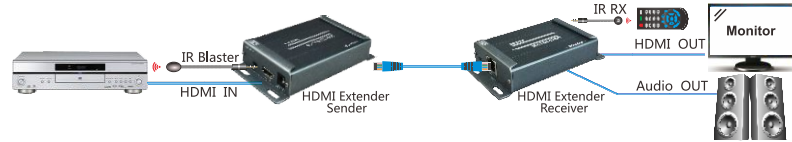
III. Installation Guide

1. Cat5e/6 cable Follow the standard of IEEE-568B

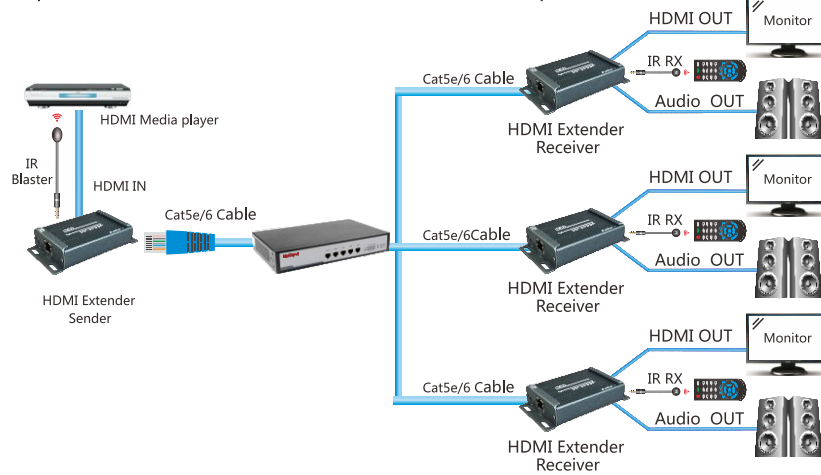


2. Point to Point Extender Maximum 160m Over Cat6, 100m Over Cat5

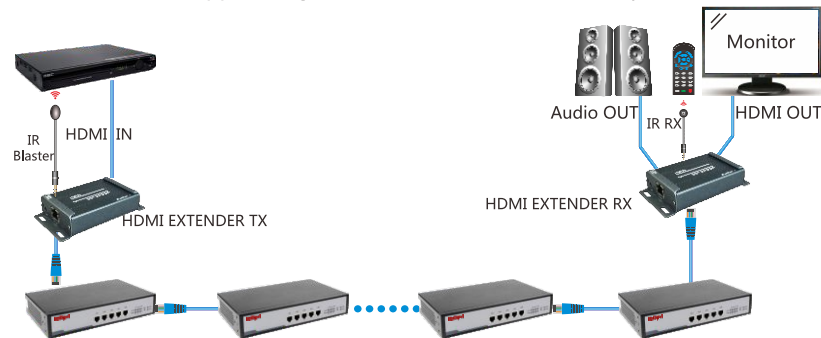
Note: Transmitter & Receiver support 12V POE, need only one 12V power Adapter.



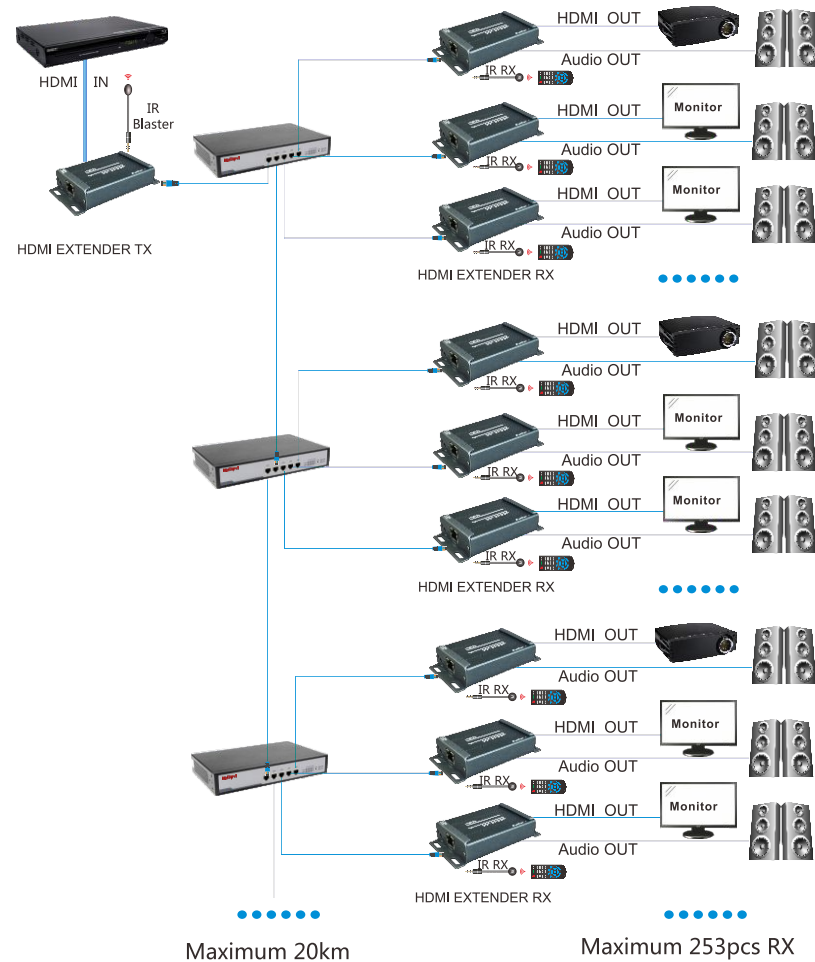
3. Splitter Mode: Point to Multi Point Maximum 253pcs Receiver.



4. Cascade mode: Super Long Extender Maximum 20KM Every Switch 120m



5. 2 in 1 : Cascade Extender + Splitter.



Notice:

IR blaster should be connected with HDMI Extender TX's "IR-OUT" port, IR receiver should be connected with HDMI Extender RX's "IR-IN" port. IR blaster needs to be as close as the IR receiver of HDMI source device. TX receives IR commands from RX to remote control the source