

FX-EX22

120m HDMI Extender over IP

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

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Feature

- Uses off-the-shelf gigabit IP switches for extension and distribution
- Extends 1080p HDMI signals up to 120m over a single UTP Cat5e/6 cable
- Multicasting and broadcasting architecture, adding more displays without adding LAN bandwidth loading
- Support Point-to-Point, Point-to-Many and Many-to-Many network configuration
- With IR Control function ,it allows you control back the source at the end of destination
- Can be cascaded for many layers by adding Ethernet switches
- DC 5V/1A x2 PCS Power Supply.
- Power Consumption : TX:3watts;RX:3watts
- Dimension (L×W×H):103.5x93.5x24.6mm
- Net Weight:Receiver:220g,Transmitter:220g

NOTICE

Our company reserve the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

SPECIFICATIONS

Operating Temperature Range	-5 to +65°C (+23 to +149°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p(TTL)
Support Video Format	DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P
Video Output	HDMI
Transmission Distance	1080P 8-bit 120m over single CAT5E/6 /24AWG/Solid
Power consumption	TX:3watts;RX:3watts
IR frequency	38kHz-56kHz
Dimension (L×W×H)	103.5x93.5x24.6mm
Net Weight	Receiver:220g,Transmitter:220g
TX	Default IP address:192.168.168.55 MAC address:00:0b:78:00:60:01
RX	Default IP address:192.168.168.56 MAC address:00:0b:78:00:60:02

Note: Specifications are subject to change without notice. Mass and dimensions are approximate.

PACKING CONTENTS

- 1) Main Unit. Transmitter & Receiver
- 2) Power adapter DC 5V/1A x2 PCS
- 3) IR-TX cable & IR-RX cable
- 4) Operating Instructions

Notes: Please confirm if the product and the accessories and all in duded, if not please contact with the dealers.

PANEL DESCRIPTION

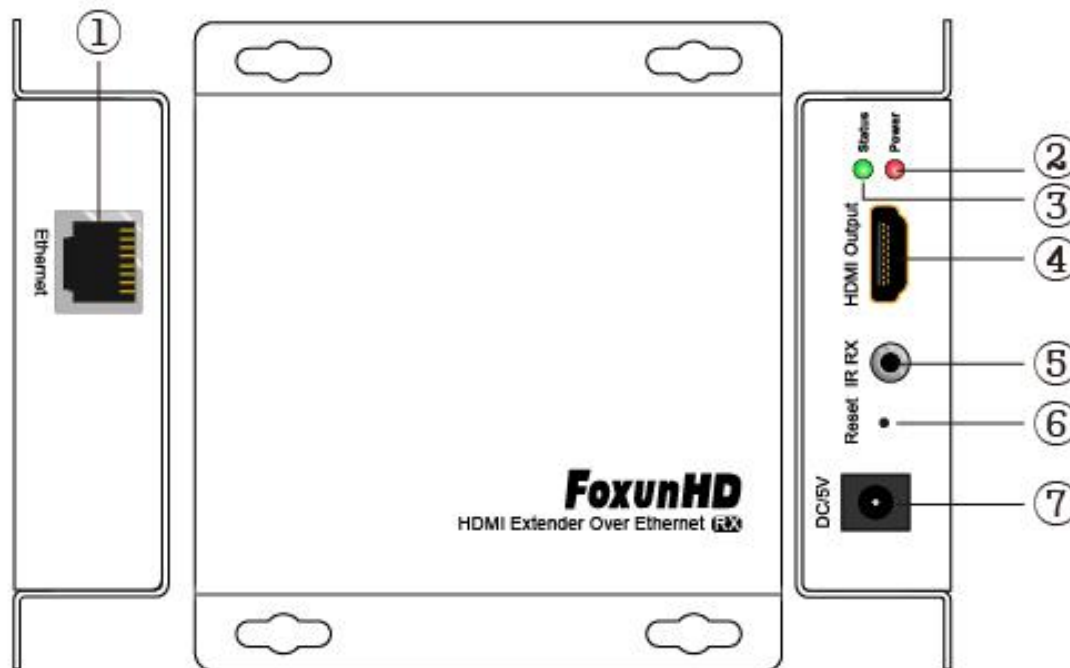
Transmitter Panel



- 1) Ethernet port
- 2) Indicator of power input
- 3) Status of signal connection
- 4) HDMI input

- 5) IR-TX port
- 6) Reset button
- 7) Power input port

RX



- 1) Ethernet port
- 2) Indicator of power input
- 3) Status of signal connection
- 4) HDMI output
- 5) IR-RX port
- 6) Reset button
- 7) Power input port

CONNECT AND OPERATE

- 1) Connect the HDMI signal sources (Such as DVD, STB etc) to HDMI Transmitter.
- 2) Connect CAT5e or 6 cables to both the Ethernet of the transmitter and Ethernet port of the Receiver.
(The cables must follow the standard of EIA-TIA 568B).
- 3) Connect the HDMI output (Such as HD-LCD, HD-DLP) into the Receiver.

- 4) Connect the power supply into Power port.
- 5) Connect the IR TX receiving cables into IR TX port on the back panel and affix the emitter onto the source IR windows.
- 6) Connect IR-RX cable into IR-RX port on the receiver and affix the IR receiver in direct line of site

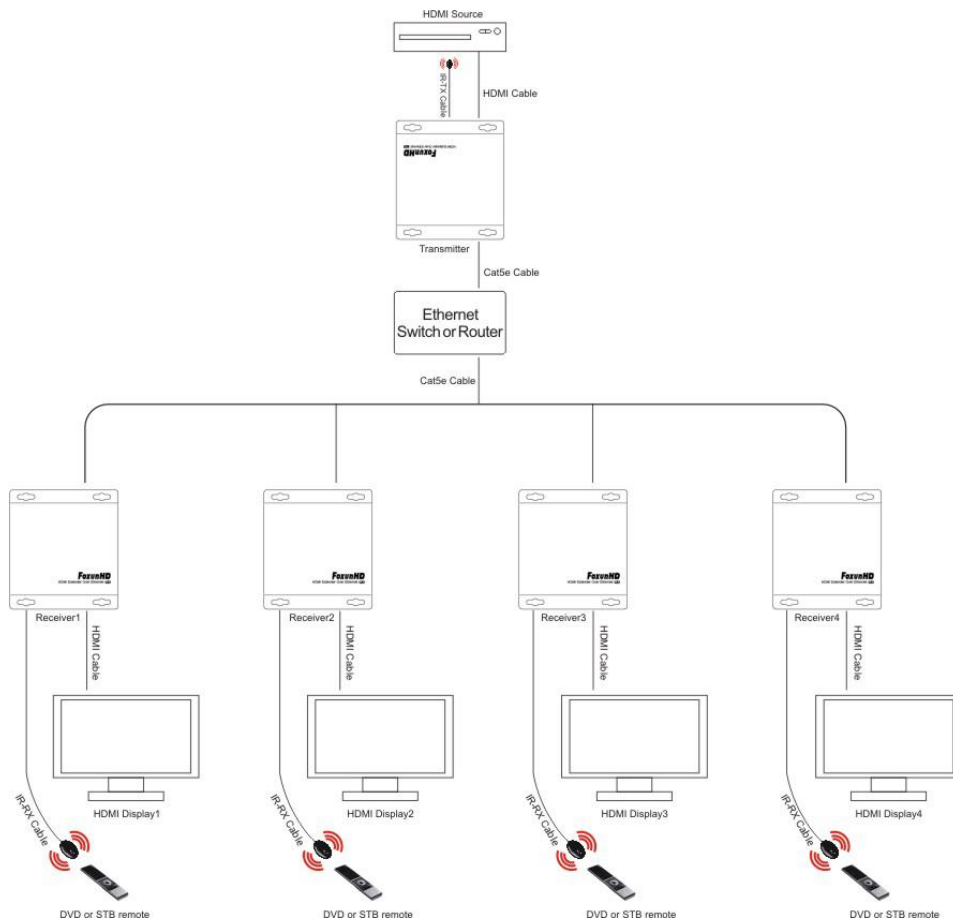
Typical Application

1) One to One

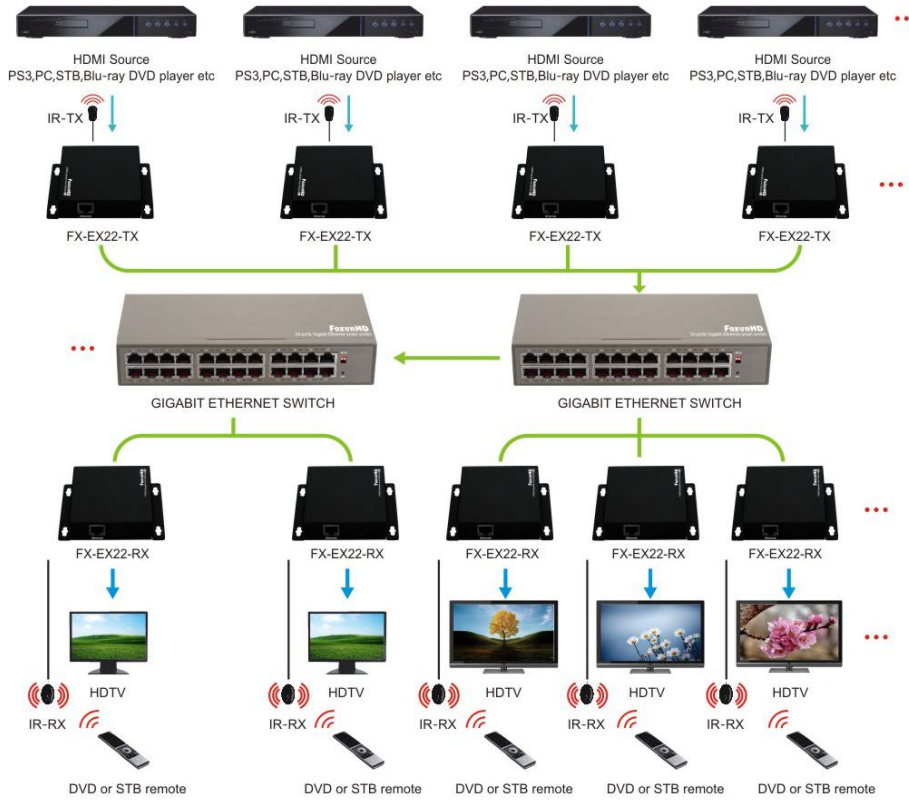
Application 1 : One to One



2) One to More

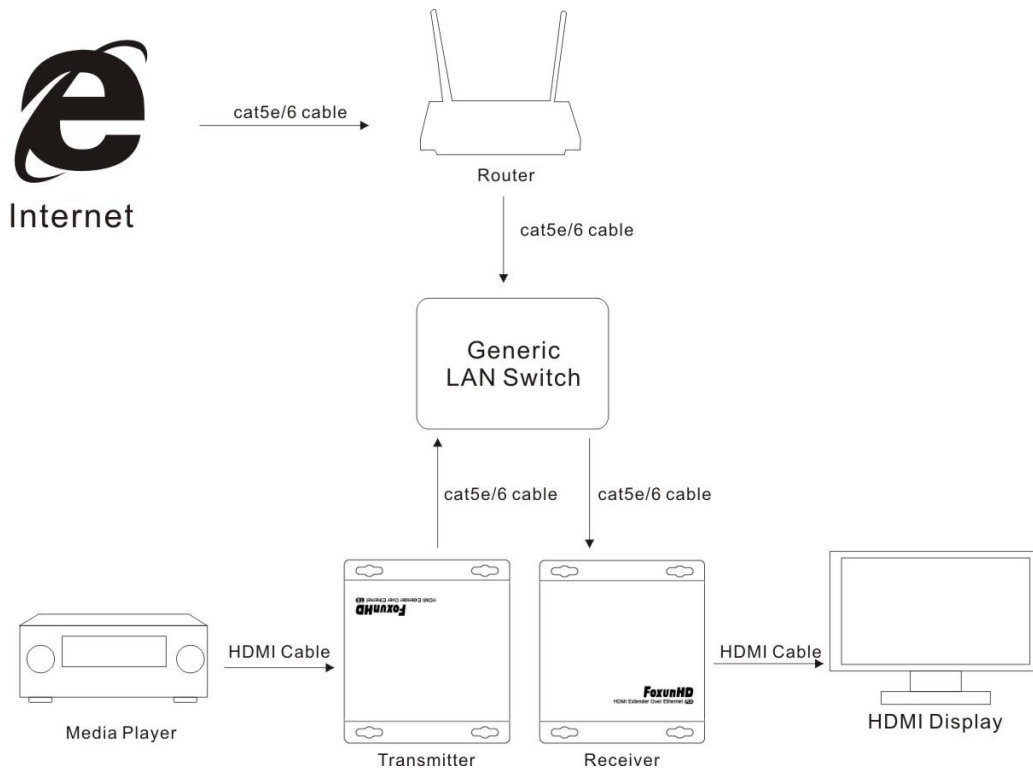


3) More to more



✘ The IR is Wide-band (support 38khz-56khz)

4) Lan Connection



Attention: 1) Insert/Extract cable gently.

2) Please don't insert into or pull out HDMI Cable when power on. please connect Cable

only when power is off.

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

PRODUCT SERVICE

- 1) **Damage requiring service:** The unit should be serviced by qualified service personnel if:
 - (a) The DC power supply cord or AC adaptor has been damaged;
 - (b) Objects or liquids have gotten into the unit;
 - (c) The unit has been exposed to rain;
 - (d) The unit does not operate normally or exhibits a marked change in performance;
 - (e) The unit has been dropped or the cabinet damaged.
- 2) **Servicing Personnel:** Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
- 3) **Replacement parts:** When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
- 4) **Safety check:** After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor") will , for the length of the period indicated as below,

(Parts(2)Year ,Labor(90) Days) which starts with the date of original purchase ("Limited Warranty period"), at its option either(a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for

Limited Warranty service.

LIMITED WARRANTY LIMITS AND EXCLUSIONS

1) This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.

2) THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.