

HDMI—Network Extender

AV1600

Over Lan Signal Wire Ethernet Transmitter Receiver TCP/IP Router Network

**400 Meters or 1300 ft. using only one pair Cat3 ,Cat5, Cat6 Ethernet cable
FULL HD 1080**



PRODUCT DESCRIPTION

Features:

HDMI-compatible extender is a device that uses the **VDSL** (very high bit-rate digital subscriber line) to transmit high-definition audio and video through a local area network. It can transmit for HDMI-compatible high-definition video of your DVD, player, computer and other equipment *using one pair of CAT3 ,CAT5E / 6 network cable, up to 400 meters (1300ft.)*. At the same time, it is convenient to use point-to-point, point-to-multipoint, and cascade to transmit for HDMI-compatible high-definition audio and video signals. The equipment consists of a transmitter and a receiver, which transmits for HDMI-compatible signals through wireless wifi. for HDMI-compatible version: for HDMI-compatible1.3, fully compatible with HDCP.

Technical Specifications:

Item type: for HDMI-compatible transmitter

Material: Extruded Aluminum

Color: black

Plug: US

Power supply: DC12V / 2 A

for HDMI-compatible version: for HDMI-compatible1.3, fully compatible with HDCP

Support sub-office rate: 480i @60hz, 480p @60hz, 576i @50hz, 576p @50hz, 720p @50/60hz, 1080i @50/60hz, 1080p @50/60hz

Network cable: non-shielded or shielded class 5 /6 network cable (UTP/STP Cat5e/6)

Transmission distance: for HDMI-compatible 1080P signal using CAT5 network cable can be transmitted 400 meters (1300ft.)

Support: LAN bandwidth 300M

Product power consumption: Transmitter: 5W;Receive: 5 W

VDSL Interface	RJ45 Connector DMT Encoding Complying with ITU-T: G993.1 / G993.2 / G.993.5 / G.997.1 / G.998
LAN Interface	Transmitter: 1 x RJ-45 Connector Receiver: 1 x RJ-45 Connector 10/100/1000 Base-T; Auto-Negotiation, Auto-MDI/MDI-X Complying with IEEE 802.3 / 802.3u / 802.3z
HDMI Interface	RECEIVER UNIT: HDMI OUT TRANSMITTER UNIT: HDMI IN
LED	Power: Red (on / off) LAN : Yellow = Gigabit Ethernet — Green = Fast Ethernet VDSL Interface Rx : Yellow = On Tx : Yellow = Off Sync / Act : Green = Idle / Trained / Link
IR (infrared)	RECEIVER: IR Out TRANSMITTER: IR In
Reset	Reset button: Reset the units
Power Supply	12V 2A External Power Supply
Operating Temperature Humidity	-20°C to 65°C 0% to 95% RH (non-condensing)
Dimension / Weight Installation	110x76x35 mm / 350g Wall mounting
Regulatory Compliance	Regulatory Compliance FCC Part 15B Class A EN60950

Package includes:

- 1pc x for HDMI-compatible transmitter
- 1pc x for HDMI-compatible receiver
- 2pcs x power cables
- 2pcs x IR transmitter cables
- 1pc x User manual

Transmitter TX panel



DC 12V : Input from AC adapter 12V DC
Power LED: turn on RED when power is applied

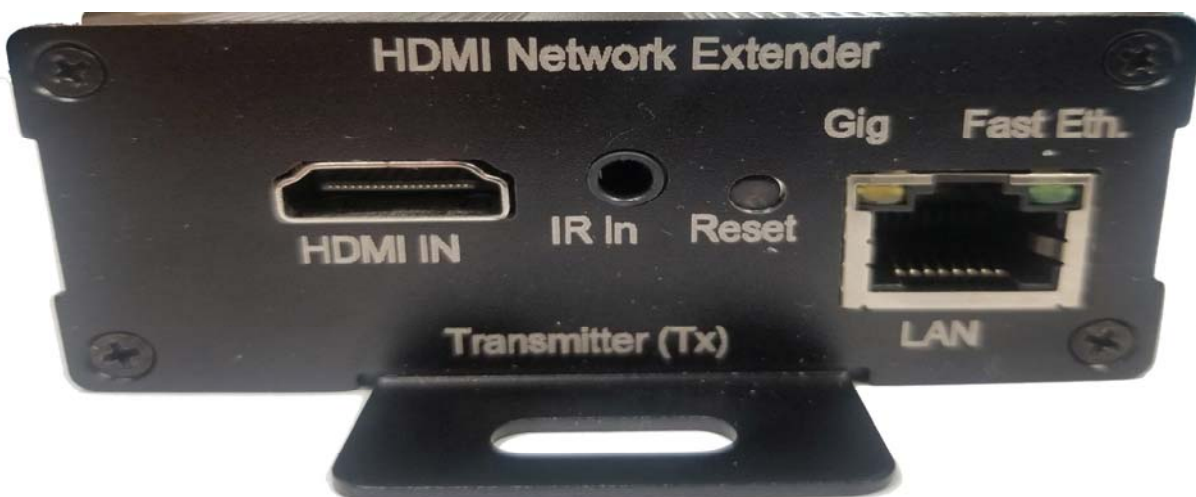
RJ45 VDSL Interface port:

Tx: Yellow LED (default off for Tx Mode)

Sync/Act: Green LED .

Slow Blinking: VDSL Interface is active at Idle status

Fast Blinking: VDSL Interface at Handshake s(Sync) status (Take about 45 seconds)
ON : Transmitter Sync and Act with Receiver



HDMI IN Connector: Input from Media Player ,DVD, Computer....

IR In: IR transmitter / Receiver cables for remote control

Reset: Reset button , for reset the unit

LAN Port: Gigabit Ethernet RJ45 Jack for Local access Network

Yellow LED = Gig / act

Green LED = 10/100 Act

Receiver RX Panel



DC 12V : Input from AC adapter 12V DC

Power LED: turn on RED when power is applied

RJ45 VDSL Interface port:

Rx: Yellow LED (default ON for Rx Mode)

Sync/Act: Green LED .

Slow Blinking: VDSL Interface is active at Idle status

Fast Blinking: VDSL Interface at Handshake s(Sync) status (Take about 45 seconds)

ON : Transmitter Sync and Act with Receiver



HDMI OUT Connector: Out to the display with HDMI in put

IR Out: IR transmitter / Receiver cables for remote control

Reset: Reset button , for reset the unit

LAN Port: Gigabit Ethernet RJ45 Jack for Local access Network

Yellow LED = Gig / act

Green LED = 10/100 Act

Installation Guide

1/-Basic Setup HDMI Extender

OUTPUT FROM

- Media Player
- DVD Player
- Computer
- Game
- HDMI Camera

Transmitter TX



To VDSL



12V DC in



400 m or 1300ft. max



Receiver RX



To VDSL



12V DC in



Installation Guide

2/-Basic Setup with Network

OUTPUT FROM

- Media Player
- DVD Player
- Computer
- Game
- HDMI Camera

- IP Camera
- IP Phone

Transmitter TX



To VDSL



400 m or 1300ft. max

12V DC in

Only show the contents from
HDMI IN of the TRANSMITTER

Receiver RX



To VDSL



12V DC in

Internet



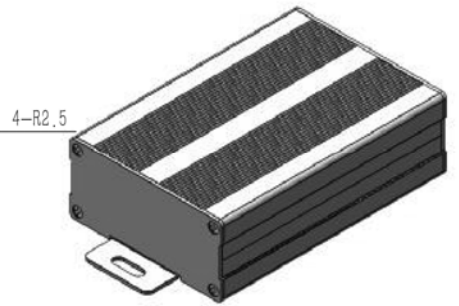
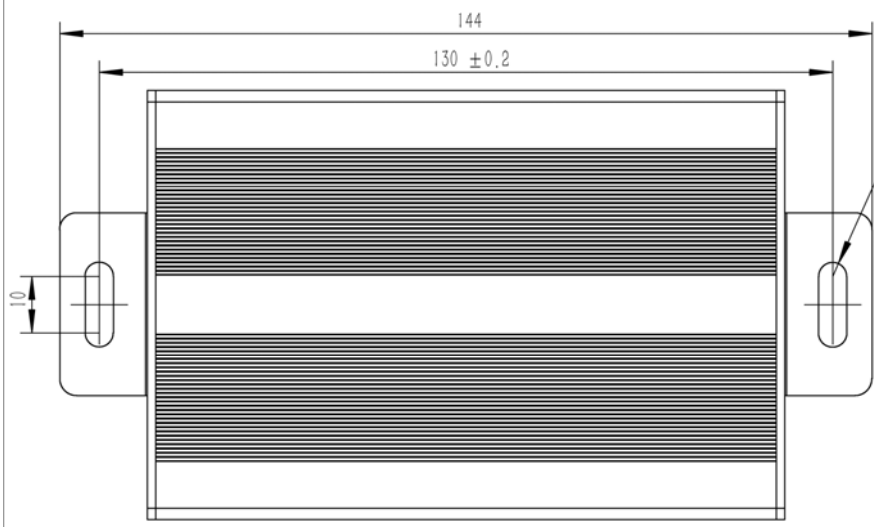
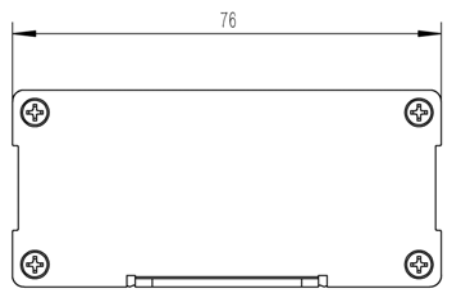
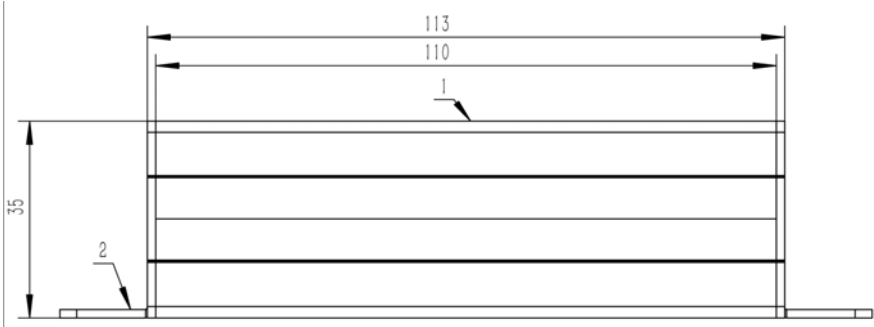
Router



LAN Switch

**Basic setup- used as HDMI Extender and Network Extender with LAN Switch and Router
Maximum distance is 400 Meters or 1300 ft.**

Mounting— Dimension



Dimension Unit = mm