

HDMI & IR CAT5 Extender Over Two CAT5 cable

ITEM NO.: HE01EI HDMI & IR CAT5 Extender Over Two CAT5 cable

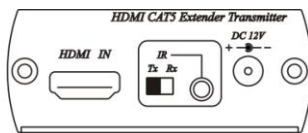
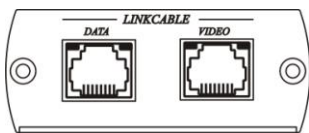


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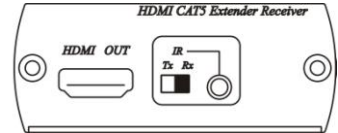
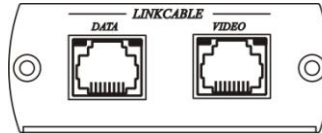
- Extends HDMI & IR signal over two CAT5/5e/6 cables.
- External power supply requested with transmitter unit only, no power required at receiver (monitor) side.
- Support 3D at 1080p/24fps.
- Built in IR signal, IR control could be selectable at either TX/RX side.
- Transmission range up to 60M at 1080i, 40M at 1080p resolution.
- HDMI 1.3 compliant, DDC, DTS-HD,Dolby.
- HDCP compliant.

Panel view & Function:

HE01EIT



HE01EIR



IR Switch Setting:

1. When use BD/DVD remote controller (DVD at remote side) · HE01EIR IR switch move to RX and connect with Receiver cable; HE01EIT IR switch move to TX and connect with Emitter cable.
2. When use TV remote controller (TV at remote side), HE01EIT IR switch move to RX and connect with Receiver cable; HE01EIR IR switch move to TX and connect with Emitter cable.

HE01EI-T RJ45 LED Status:

| | | | |
|-------|------|--------|----------------------------------|
| Video | RJ45 | Green | HDMI 5V Power From Source Device |
| | | Yellow | Hot Plug Disconnection |
| Data | RJ45 | Green | Power Supply |
| | | Yellow | IR Signal Indication |

HE01EI-R RJ45 LED Status:

| | | | |
|-------|------|--------|-------------------------------------|
| Video | RJ45 | Green | HDMI 5V Power from Transmitter Unit |
| | | Yellow | HDMI Signal Loss |
| Data | RJ45 | Green | Power On from Transmitter Unit |
| | | Yellow | IR Signal Indication |

Cable:

Video Link cable using high quality CAT5e UTP or CAT6 UTP cable, Recommend to use CAT6 cable if the distance over 30M.

Do not use STP cable which caused no picture.

Data Link cable using CAT5E UTP/STP or CAT6 UTP cable.

It is not high speed signal transmission, so using regular CAT5E UTP cable will be ok.

Transmission Range:

The transmission range will be based on the cable quality and HDMI equipment.

Use CAT5E UTP cable up to 30M@1080p.

Use CAT6 UTP cable up to 40M@1080p.

Use CAT5E UTP cable up to 60M@1080i/720p.

RJ45 pin Define:

Video Link (TIA/EIA-568-B)

- 1. Orange-white
- 2. Orange
- 3. Green-white
- 4. Blue
- 5. Blue-white
- 6. Green
- 7. Brown-white
- 8. Brown

Data Link (TIA/EIA-568-B)

- 1. Orange-white
- 2. Orange
- 3. Green-white
- 4. Blue
- 5. Blue-white
- 6. Green
- 7. Brown-white
- 8. Brown

Caution:

1. This extender does not support "Deep color", please check your HDMI (BD) source must turn off "Deep Color" function if your HDMI source default with "Deep color" on.
2. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.
3. IR receiving angle is ±45° with maximum distance 8 meters.
IR emitting angle is ±30° with maximum distance 5 meters.

Installation view:



HE01EI Package Include:

- HE01EIT HDM Transmitter x 1 pcs
- HE01EIR HDMI Receiver x 1 pcs
- IR Emitter Cable x 1 pcs
- IR Receiver Cable x 1 pcs
- Mounting Screw pack x 2 bags
- Power Adapter x 1 pcs

Specification:

| ITEM NO. | HE01EIT | HE01EIR |
|----------------------|---|--------------------------|
| Video Bandwidth | 2.25 Gbps (HDMI 1.3) | |
| Resolution | 480i/480p/720p/1080i/1080p @24/50/60Hz | |
| Link Cable Distance | Cat.5e 60M @1080i , Cat.5e 40M @1080p | |
| HDMI Cable Distance | 28 AW HDMI Cables 3m @1080p | |
| HDMI Connector | HDMI A Type x 1 (Input) | HDMI A Type x 1 (Output) |
| Link Connector | RJ-45 Shielded x 2 | |
| IR Connector | 3.5 mm Connector | |
| IR Carrier Frequency | 30-60Khz | |
| Power Consumption | 150mA (Max) | 250mA (Max) |
| Power Supply | DC12V 1A (External) | From HE01EIT |
| Temperature | Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95% | |
| DIMENSIONS mm | 67 x 87 x 27 | |
| Weight g | 135 | 130 |

