



XL-EHDMI11-TR **HDMI CAT5 Extender Over Single cable Series**

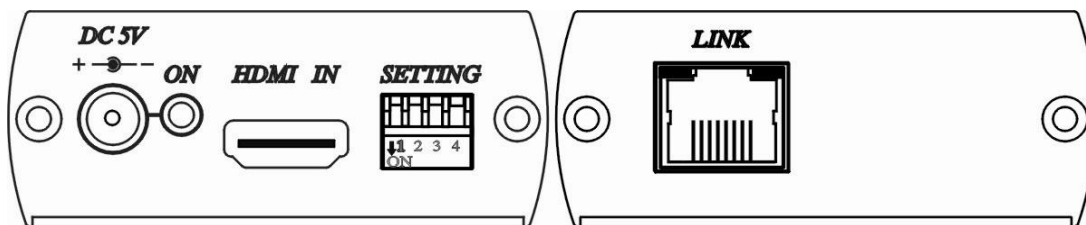
The HDMI CAT5 Extender is using only one cost effective CAT5E/6 cable to extend your HDTV display up to 70 meters at 1080i and 50 meters at 1080p. It is equipped with HDMI connectors and also supports DVI equipment with allowing used with a HDMI to DVI adapter. It provides an easy and flexible cabling solution for integrating home theater components.



HDMI CAT5 Extender – Single CAT5 cable 50 Meters

- Extends HDMI signal over one CAT5/5e/6 cable.
- HDMI 1.3 compliant.
- Transmission range up to 50M at 1080i, 30M at 1080p resolution.
- Extend the transmission distance up to 50M at 1080i / 720p.
- Extend the transmission distance up to 30M at 1080p.

Panel view & Function:



Transmitter Unit LED Indication:

- BLUE ON - Power on
- Flash - Under backup TV EDID, wait TV accept.
- Flash one time - TV EDID backup completed
- Flash two times - TV EDID backup failed, incorrect EDID.
- Flash three times - TV EDID backup failed, EDID checksum error

RJ45 Connector LED:

- GREEN ON Sending power or video to receiver unit
- YELLOW ON No data input or unsupported video format

Dip Switch function:

- 1** ↑ Use the default EDID.
↓ Use the backup TV EDID. (**If backup TV EDID is not correct, it will auto select the first default EDID**)
- 2** ↑ Select the first default EDID: support 1080i / LPCM 2 Channel.
↓ Select the second default EDID: support 1080p / LPCM 5.1 Channel.
- 3** ↑ Normal
↓ Backup EDID (**The Dip Switch 1 must at ↓ position, then to start backup**).
- 4** Reserve (Dip switch 4 , do not move to ↓)

- **After complete Dip Switch setting, power must be reset (unplug and plug) to activate the new EDID.**

Receiver Unit LED Indication:

- GREEN ON Sending power or video to receiver unit
- YELLOW ON No data input or unsupported video format

Cable:

Link cable using high quality CAT5e UTP or CAT6 UTP cable.

CAT6 cable is recommend based on distance over 30 meters.

Using FTP (STP) cable could have interference rejection, but may cause distance shorter.

Transmission Distance:

The transmission distance will be affected from different HDMI equipment and cable quality. Lower resolution and good quality cable could extend longer distance up to 100 meters.

XL-EHDMI11-TR	
Resolution/Cable	Distance(Meter)
1080p/CAT5	30
1080p/CAT6	35
1080i,720p/CAT5	50

RJ45 Define:

Video Link (use TIA/EIA-568-B)

1. Orange-white	TMDS DATA2 +
2. Orange	TMDS DATA2 -
3. Green-white	TMDS CLOCK + / HDMI 5V
4. Blue	TMDS DATA1 +
5. Blue-white	TMDS DATA1 -
6. Green	TMDS CLOCK - / HDMI 0V
7. Brown-white	TMDS DATA0 +
8. Brown	TMDS DATA0 -

Caution:

- 1. The cabling must away from any equipment with electromagnetic wave, such as microwave ovens, mobile phones, radio equipment, power lines.**
- 2. Our HDMI CAT5 Extender not networking product, please do not connect with any Ethernet to avoid any damage.**

Specification:

ITEM NO.	XL-EHDMI11-TR
Video Bandwidth	2.25 Gbps (HDMI 1.3)
Resolution	480i/p, 720p, 1080i/p @ 24/50/60Hz
Link Cable Distance	CAT5e 50M @1080i, CAT5e 30M @1080p
Input TMDS Signal	1.2 volts peak to peak
Input DDC Signal	5 Volts peak to peak
HDMI Connector	HDMI 19 pin type female connector
Link Connector	RJ-45 Shielded with 2 indication LEDS
Power Supply	5V DC 2AMP regulated (External)
Power Consumption	1200mA (Max)
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%
Dimensions W x H x D mm	120x67x27
Weight	180 g