

# DVI CAT5 Extender Series

## ITEM NO.: DE02E DVI CAT5 Extra Long Rang Extender over Single CAT5 Cable



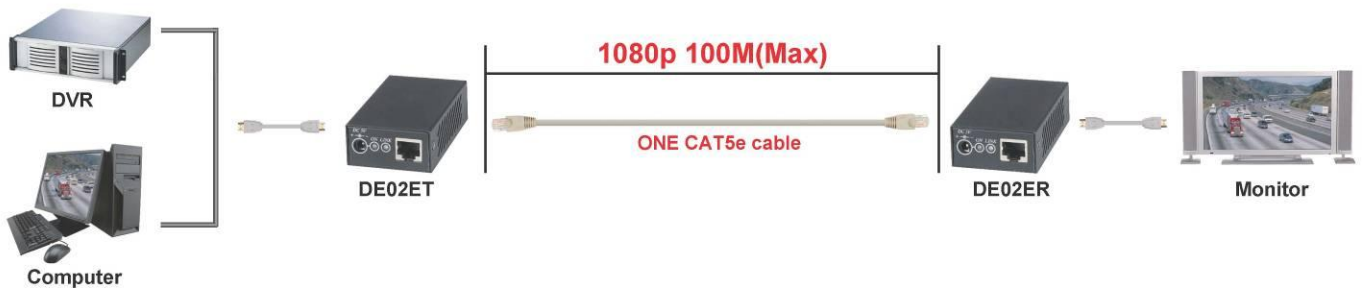
DE02E DVI Extra Long Range CAT5 Extender is using only one cost effective CAT5E/6 cable to extend your HDTV display up to 100 meters at 1920x1200. With high quality uncompressed video to delivers significant value to the entire home and commercial entertainment system.

### DE02E DVI CAT5 Extra Long Range Extender over Single CAT5 cable

#### Features:

- Extends DVI Signal over one CAT5/5e/6 cable.
- Uncompressed high definition video up to 1920x1200@60Hz and 3D capable.
- Max. Data Rate- 10.2Gbps.
- HDMI 1.3 and HDCP compliance.
- Transmission range up to 100 meters at 1920x1200 resolution.

#### Installation view:



#### Cable:

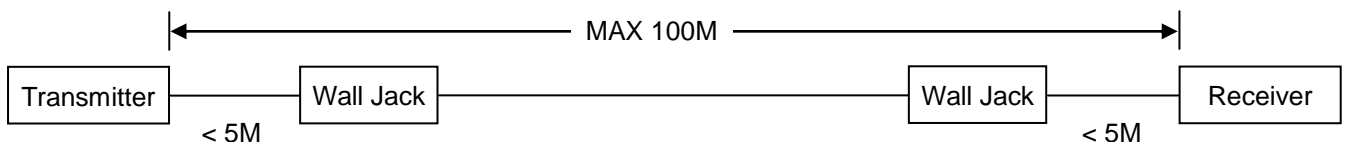
Link cable recommend use high quality Cat.5e·Cat.6·Cat.6a·Cat.7 UTP / STP or FTP cable. Poor quality cable or network connection or improper construction will cause unstable connection, video or sound disruptions, picture noise appears.

#### Transmission Distance:

The maximum transmission distance up to 100meters, use lower resolution won't extend longer distance.

If connection through the wall socket, the cable length must less 5 meters between HDMI extender and wall jack, as below drawing:

If connection through the wall socket, the cable length must less 5 meters between DVI extender and wall jack, as below drawing:



## Low-power Mode:

When there is no DVI video signal input, or TV is not connected or power off, this product will enter a low-power mode to save power consumption.

## LED Indication :

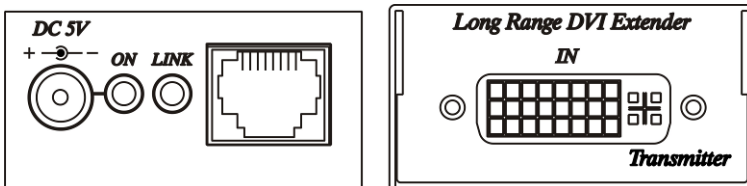
GREEN: Power ON/OFF

BLUE: ON : DVI linking

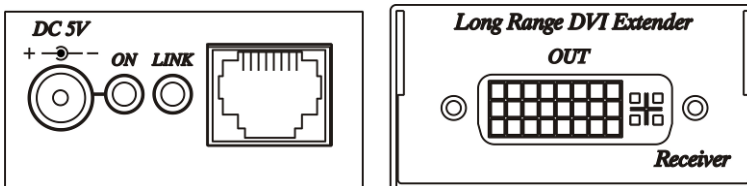
Flash : Low Power Mode

## Panel view:

DE02ET



DE02ER



## RJ45 Define:

Video Link (TIA/EIA-568-B)

1. Orange-white	DATA0 +
2. Orange	DATA0 -
3. Green-white	DATA1 +
4. Blue	DATA2 +
5. Blue-white	DATA2 -
6. Green	DATA1 -
7. Brown-white	DATA3 +
8. Brown	DATA3 -

## Caution:

1. The wiring must away from any equipment with electromagnetic wave, i.e.: mobile phone, microwave, radio equipment, fluorescent lamp, high voltage power lines.
2. The cable must pull in straight to avoid any crosstalk interference and the transmission stability.
3. This device RJ45 port is not general Ethernet signal; do not connect with Network devices to avoid damage.

## Package Include:

DE02ET DVI Transmitter x 1 pcs  
DE02ER DVI Receiver x 1 pcs  
Mounting Screw pack x 2 bags  
Power Adapter x 2 pcs

**Specification:**

ITEM NO	DE02ET	DE02ER
Video Resolution	Up to 1920x1200 / 60Hz	
Distance	100 M (Max)	
Distance	DVI-I x 1 (29 Pin) Digital Only	
Input / Output Interface	RJ45 x 1	
Power Consumption	Max 3W , Low Power 0.8W	Max 6W , Low Power 1W
Power Supply	DC 5V 2A	DC 5V 2A
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%	
Dimensions mm	49.2 x 92 x 25	49.2 x 92 x 25
Weight g	140	150

RoHS   

Rev. C