

DVI CAT5 Extender 1 in 1 out

ITEM NO.: DE01E, DE01ERK

The DVI CAT5 extender is to extend your PC DVI transmission distance up to 70 meters with resolution 1024x768. With DVI Adaptors, users can transmit high quality digital video of PC applications thru one cost effective CAT-5/5e to the remote monitor or projector, instead of using short and expensive DVI cables. With embedded EDID inside the adaptor, your PC will continue to send the digital video even when the monitor is not connected. The user can then disconnects the monitor, place it in a remote location and reconnect it without rebooting the operating system.

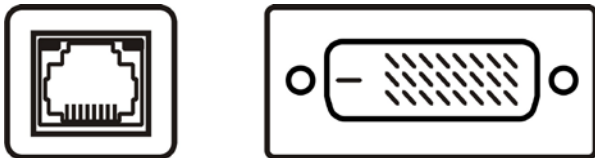
DE01E DVI CAT5 Extender 30 Meters

- RJ45 female to DVI-D connector.
- Passive, no power required.
- Used in pairs via one CAT5e/6 cable to send DVI signal.
- DVI 1.1 compliant
- Extend the transmission distance up to 30 meters at 800 x 600.
- Extend the transmission distance up to 10 meters at 1600 x 1200.
- LED lights
- Compact size, easy plug and play.

DE01ERK DVI CAT5 Extender 70 Meters

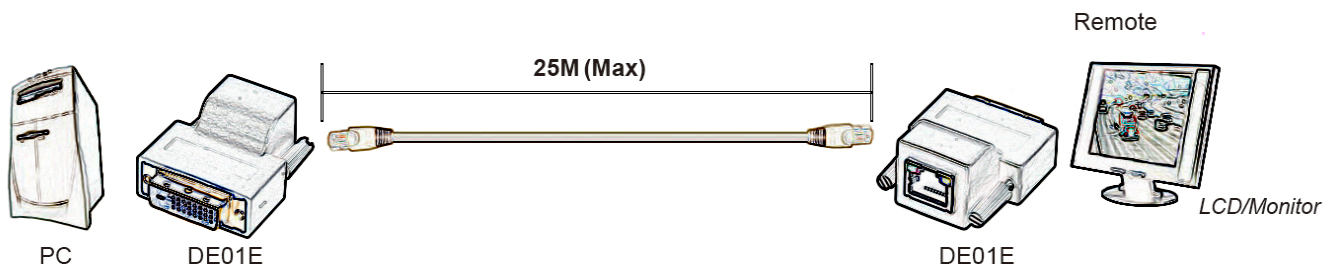
- Include DE01E transmitter, DE01ER receiver, used in pairs via one CAT5e/6 cable to send DVI signal.
- DE01ER as active receiver for high performance.
- No external power required.
- Support high resolution up to 1920 x 1200.
- Support long distance up to 70 meters at 1024x768.

Panel View:



Installation:

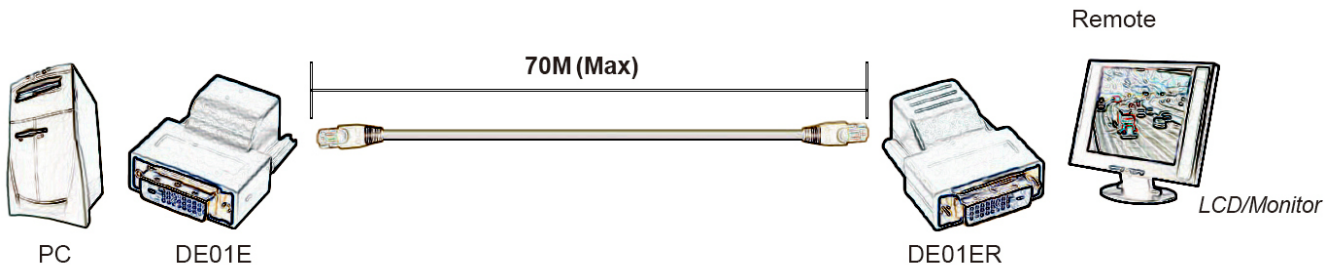
DE01E



DE01E to DE01E	
Resolution	Distance(Meter)
800 x 600	30
1024 x 768	25
1600 x 1200	10
1920 x 1200	10

Remark: The transmission distance will be affected from different PC/Monitor equipment and cable quality.

DE01ERK



DE01E to DE01ER	
Resolution	Distance(Meter)
800 x 600	70
1024 x 768	65
1280 x 1024	50
1440 x 900	50
1600 x 900	50
1920 x 1200	50

Remark: The transmission distance will be affected from different PC/Monitor equipment and cable quality.

Cable:

Video Link cable using hi quality CAT5E UTP or CAT6 UTP cable, CAT6 cable enhances transmission range and signal stability.

RJ45 Pin Define:

RJ45 Jack			
PIN	Color	Function	
1	W-O	TMDS DATA0 -	
2	O	TMDS DATA0 +	
3	W-G	TMDS CLOCK -	
4	BL	TMDS DATA1 -	
5	W-BL	TMDS DATA1 +	
6	G	TMDS CLOCK +	
7	W-BR	TMDS DATA2 -	
8	BR	TMDS DATA2 +	

1 2 3 4 5 6 7 8
W-O O W-G BL W-BL G W-BR BR
JACK POSITION

LED Indication:

Green Status Normal
Yellow Loss of Clock Signal

Caution:

1. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.
2. Working distance will be variety based on different equipment.
3. The picture may come with noise under the resolution 640 x 480
4. HDCP not supported.

Specification:

ITEM NO.	DE01E	DE01ER	
Video Bandwidth	1.65 Gbps (DVI 1.1)		
Resolution	1920 x 1200 @ 60 Hz		
Input TMDS Video Signal	1.2 Vp-p		
Input DDC Signal	5 Vp-p (TTL)		
Link Cable Distance	30M @ 800 x 600 10M @ 1920 x 1200	70M @ 800 x 600 50M @ 1920 x 1200	
DVI Connector	DVI-D x 1 (25 Pin)	DVI-D x 1 (25 Pin)	
Link Connector	RJ45 x 1	RJ45 x 1	
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%		
Dimension	mm	50.6 x 40 x 24.2	56.5 x 40 x 21.6
Weight	g	48	50

RoHS   

Rev.B