



DVI CAT5 Extender 1 in 1 out

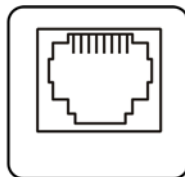
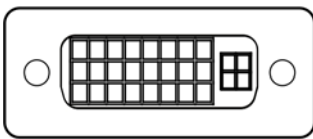
Model: DS-54101

The DVI CAT5 extender is to extend your PC DVI transmission distance up to 65 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.

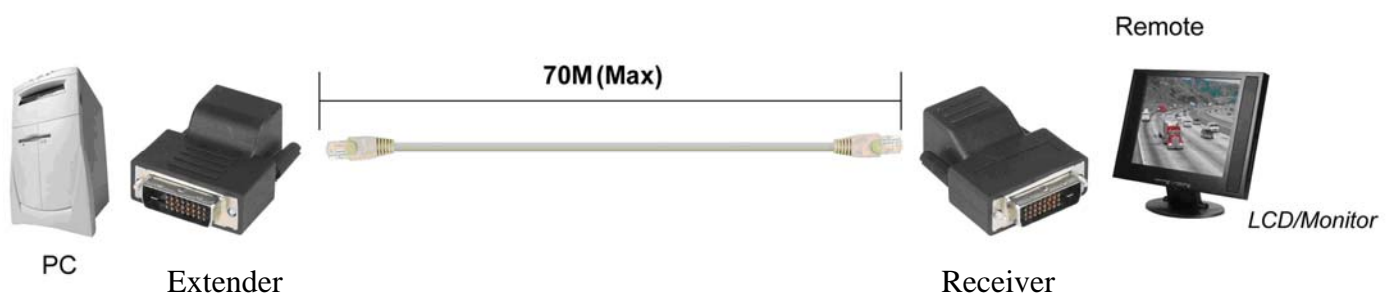
DVI CAT5 Extender 1 in 1 out

- Include transmitter, receiver. used in pairs via one CAT5/5e cable to send DVI signal.
- active receiver for high performance.
- No external power required.
- Support high resolution up to 1920 x 1200.
- Support long distance up to 65 meters at 1024x768.

Panel View:



Quick installation Guide:



1. Connect the extender unit to the DVI port of PC.
2. Connect Cat.5e cable to the extender unit.
3. Connect Cat.5e cable to the receiver unit.
4. Connect the receiver unit to the DVI port of Monitor.

DS-54101	
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

Cable:

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

RJ45 Pin Define:

Link Cable (TIA/EIA-568-B)

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

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. DS-54101	Extender unit	Receiver unit
Video Bandwidth	1.65 Gbps (DVI 1.1)	
Resolution	Up to 1600x1200	Up to 1920 x 1200 @60hz
Input TMDS Video Signal	1.2 volts p-p	
Input DDC Signal	5 volts p-p (TTL)	
Link Cable Distance	25M@1024x 768 10M@1920x1200	65M@1024x768 50M@1920x1200
DVI Connector	DVI-D 29 pin	
Link Connector	RJ-45 Shielded x 1	
Power Supply	X	
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%	
DIMENSIONS W x H x D mm	50 x 40 x 20	40 x 56 x 24.5
Weight g	45g	50g