



DVI CAT5 Extender 1 in 1 out

ITEM NO.: DS-54101 Rev 1-0

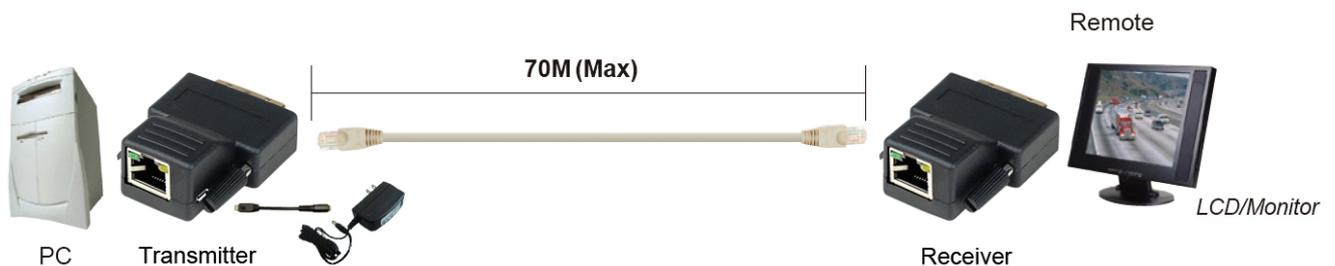
The DVI CAT5 extender is to extend your PC DVI transmission distance up to 70 meters with resolution 1024x768. With DVI Adaptors, users can transmit high quality digital video of PC applications thru one cost effective CAT5e/6 to the remote monitor or projector, instead of using short and expensive DVI 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.



DS-54101 Rev 1-0 DVI CAT5 Extender 70 Meters

- Include transmitter, receiver, used in pairs via one CAT5e/6 cable to send DVI signal
- DS-54101 Rev 1-0 receiver as active receiver for high performance
- No external power required
- **Built in micro USB port for external power when your DVI source not able to provide enough power to the receiver**
- **Built in LED indication**
- Support high resolution up to 1920 x 1200
- Support long distance up to 70 meters at 1024x768

Installation:



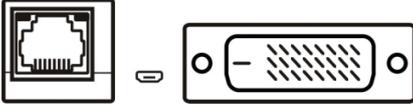
DS-54101 Rev 1-0 transmitter built in micro USB for external power when your DVI source not able to provide enough power to the receiver. For example, when using multiple DS-54101 Rev 1-0 with DVI distributor, the power consumption may over the limitation of the DVI device, please use micro USB to DC plug cable (package included) with 5V power adaptor (optional) for external power.

Transmitter to Receiver	
Resolution	Distance (Meter)
1024 x 768	70
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.

Panel View:

Transmitter



Receiver



Cable:

Video Link cable using high quality CAT5E UTP or CAT6 UTP cable, CAT6 cable enhances transmission range and signal stability. Do not use STP cable or flat cable which may cause no video output.

		RJ45 JACK		
		PIN	Color	Function
<p>JACK POSITION</p>	1	W-O	TMDS DATA2 +	
	2	O	TMDS DATA2 -	
	3	W-G	TMDS CLOCK +	
	4	BL	TMDS DATA1 +	
	5	W-BL	TMDS DATA1 -	
	6	G	TMDS CLOCK -	
	7	W-BR	TMDS DATA0 +	
	8	BR	TMDS DATA0 -	

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 devices.
2. Working distance will be variety based on different equipment.
3. With an resolution of 640 x 480 you may not get an video output
4. HDCP not supported.
5. Do not use STP cable or flat cable which may cause no video output.

Specification:

ITEM NO.	DS-54101 Rev 1-0
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	70M @1024 x 768 · 50M @ 1920 x 1200
DVI Connector	DVI-D x 1 (25 Pin)
Link Connector	RJ45 x 1
Power Connector	Micro USB x 1 (Transmitter)
Power Consumption	320mA
Power Supply	5V 1Amp (Optional Order)
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimension	mm 40.2 x 55.5 x 22.5
Weight	g 35

