

◦ DVI-D over Cat5e/6 Range Extenders

Utilising cost effective and readily available Cat5e/6 cable, these units allow extended distances to be quickly and easily covered between AV source and display devices.

The usual configuration is in the form of a transmit unit and a receive unit. The transceiver is capable of being cascaded, allowing multiple displays to be driven simultaneously.

DVI-E102T, DVI-E102TR and DVI-E101R models feature easy magnetic mounting and detachable screw-mounting plate for ease of installation.

Transmitters:

- **DVI-E101T** - One port compact DVI transmitter



- **DVI-E102T** - One port powered DVI transmitter (Includes EQ control for improved image quality)



Transceivers:

- **DVI-E102TR** - One port Cascadable DVI Transceiver (Includes EQ control for improved image quality)



Specifications:

Model:	DVI-E101T:	DVI-E102T:	DVI-E102TR:
Description	One-port self-powered DVI-D transmitter	One-port DVI-D transmitter	One-port DVI-D transceiver
AV Inputs	DVI female x 1	DVI-HDMI x 1	RJ-45 x 1
AV Outputs	RJ-45 x 1	DVI Female x 1, RJ-45 x 1	DVI Female x 1, RJ-45 x 1
Max Distance & Resolution	Transmitting over Cat5/5e/6 cable, DVI resolution 800 x 600 @ 100m, 1024 x 768 @ 70m, 1280 x 1024 @ 50m, 1920 x 1200 @ 30m	The video resolution can reach 800 x 600 with each cascading length < 80m, 1024 x 768 with each cascading length < 50m and 1280 x 1024 with each cascading length < 40m (Above distances are based on cable skew < 15ns/100m)	
Video Control	-	EQ x 1	EQ x 1
Signal Type	DVI-D	DVI-D	DVI-D
Power Consumption	DC 5v, 800mA	DC 5v, 650mA	DC 5v, 650mA
Housing	Plastic	Metal	Metal
Dimensions	19(H) x 42(W) x 68(D) mm	29(H) x 113(W) x 62(D) mm	29(H) x 113(W) x 62(D) mm

Receivers:

- **DVS-DR** - Short range (10m) DVI Receiver (self-powered)



- **DVI-E101R** - Long range (up to 100m) DVI receiver (includes focus control for improved image quality)



- **DVS-AR** - Audio-only Receiver (over RJ-11 cable) (used in pairs to extend stereo audio up to 50m)



Specifications:

Model:	DVS-DR:	DVS-AR:	DVI-E101R:
Description	Cat5 DVI-D changer short range receiver	3.5mm ~ RJ11 adaptor	Cat5 DVI-D long range receiver
AV Inputs	RJ-45 x 1	RJ45 x 1 / 3.5mm jack	RJ-45 x 1
AV Outputs	DVI female x 1	RJ45 x 1 / 3.5mm jack	DVI female x 1
Max Distance & Resolution	1280 x 1024 @ 10m 1024 x 768 @ 20m	50m stereo audio	Transmitting over Cat5/5e/6 cable, DVI resolution 800 x 600 @ 100m 1024 x 768 @ 70m, 1280 x 1024 @ 60m, 1920 x 1200 @ 35m
Signal Type	DVI-D	Line level 1v peak - peak	DVI-D
Power Consumption	-	-	DC 5v, 800mA
Housing	Plastic	Plastic	Metal
Dimensions	20(H) x 40(W) x 50(D) mm	18(H) x 20(W) x 90(D) mm	29(H) x 113(W) x 62(D) mm

Typical Configurations:

