



DVI over CAT5e Extender

Quick Installation Guide

Introducing the *DVI over CAT5e Extender*

The *DVI over CAT5e* Extender allows you to efficiently extend the distance to any DVI enabled display using inexpensive CAT5e cabling. This cost effective solution provides, to the PC user, transmitting high quality digital video to greater distances at minimal cost.

Features and Benefits

- DVI v1.1 compliant, single-link DVI
- Extends video transmission from a DVI source to a DVI display over an economical CAT5e/6 cable
- Adjustable 8-level EQ control to maximize video quality
- Supports 1080i & 1080p HDTV resolutions & VESA standards
- Video bandwidth: 1.65 Gbps
- Built-in EDID feature support on the receiver
- Extends transmission distances up to 60m/200 ft @ XGA (1024x768 @ 60Hz) or 30m/100 ft @ UXGA (1600x1200 @ 60Hz)

Package Contents

- DVI transmitter (TX)
- DVI receiver (RX)
- Power adapter (5V, 4A)
- Quick Installation Guide

Layout

Transmitter



Figure 1: Transmitter

- DVI In: plug into the DVI video card of your computer
- RJ45-Out: plug in your CAT5e/6 cable, to be linked to the **RJ-45 In** connector of the receiver (cable not included)

Receiver



Figure 2: Receiver (front)

- RJ45 In: plug in your CAT5e/6 cable, to be linked to the **RJ-45 Out** of the transmitter (cable not included)
- Power Jack: connect to the 5V DC power supply



Figure 3: Receiver (back)

- DVI Out: connects to your DVI display
- EQ switch: adjusts the equalization of the received signal from 0 (strongest) to 7 (weakest). It is recommended to try each setting, from 0 to 7, to find the optimal visual experience.

Hardware Installation

1. Connect your DVI source to the transmitter.
2. Connect your DVI display to the receiver.
3. Connect your CAT5e/6 cable between the transmitter and receiver. Make sure the cable is securely connected and not loose.
4. Plug the power adapter into the receiver, then plug the power adapter into a reliable power source.
5. Power on all devices.
6. If the displayed image flickers or blinks, try to improve the cable skew by adjusting the equalization (EQ Switch) from 0 - 7 (strongest - weakest) to find the optimal visual experience.