

## CATx DVI-D SL Extender Kit

Extend high-resolution single-link DVI-D video more than 160 feet.



## FEATURES

- » Transmits single-link DVI-D video over a single CAT5, CAT5e, or CAT6 cable.
- » Enables you to overcome DVI cable limits. The extender kit offers distances of 164 feet (50 m).
- » Delivers crystal-clear video resolutions up to 1600 x 1200 at 60 Hz.
- » Supports DDC emulation.
- » Ideal for use in conference rooms, or in office and industrial settings.
- » Kit includes transmitter, receiver, and power supply.

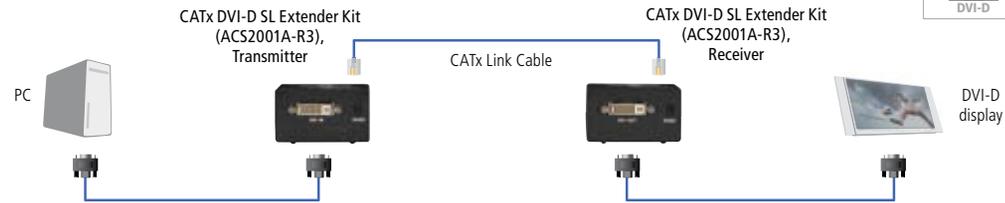


Transmitter



Receiver

Extend the distance between a PC and a DVI-D display.



CONNECTORS	CABLE
DVI-D	Native CAT5, 5e, 6

## OVERVIEW

This transmitter/receiver kit uses ordinary, easy-to-pull CATx cable to extend DVI-D video for digital signage and other multimedia applications.

The kit provides a cost-efficient solution to overcome the 16.4-foot limitation of the DVI specification. It's particularly ideal for use in conference rooms, or in office and industrial settings.

Installation is a snap. Simply connect the DVI-D output of your PC with the local unit and your display with the remote unit. Next, connect both with the CATx link cable, and turn on the power. Use the PC exactly as if you have a direct connection to your display.

## TECH SPECS

**Cable Distance (Maximum)** — Transmitter: 98.4 ft. (30 m); Receiver: 164 ft. (50 m)  
**Resolution (Maximum)** — 164 ft. (50 m): 1280 x 1024 at 60 Hz; 98.4 ft. (30 m): 1600 x 1200 at 60 Hz  
**Connectors** — Transmitter: (1) RJ-45, (1) DVI F; Receiver: (1) RJ-45, (1) DVI F  
**Indicators** — Each unit: (1) Power LED;  
**Power** — (2) 5-VDC, 1-A adapters (one for each unit)  
**Size** — Each unit: 1.5"H x 2"W x 2.6"D (3.8 x 5.2 x 6.7 cm)  
**Weight** — Each unit: 0.3 lb. (0.1 kg)

### What's included

- ◆ Transmitter
- ◆ Receiver
- ◆ Universal power supply

### Item

CATx DVI-D SL Extender Kit  
 You may also need...  
 CAT5 Cable

### Code

**ACS2001A-R3**  
**EYN737MS**

## Technically Speaking

### Digital Visual Interface (DVI) and other digital display devices.

There are three main types of digital video interfaces: P&D, DFP, and DVI. P&D (Plug & Display, also known as EVC), the earliest of these technologies, supports both digital and analog RGB connections and is now used primarily on projectors. DFP (Digital Flat-Panel Port) was the first digital-only connector on displays and graphics cards; it's being phased out.

There are different types of DVI connectors: DVI-D, DVI-I, DVI-A, DFP, and EVC.

DVI-D is a digital-only connector. DVI-I supports both digital and analog RGB connections. Some manufacturers are offering the DVI-I connector type on their products instead of separate analog and digital connectors. DVI-A is used to carry an analog DVI signal to a VGA device, such as a display. DFP, like DVI-D, was an early digital-only connector used on some displays; it's being phased out. EVC (also known as P&D) is similar to DVI-I only it's slightly larger in size. It also handles digital and analog connections, and it's used primarily on projectors.

All these standards are based on transition-minimized differential signaling (TMDS). In a typical single-line digital signal, voltage is raised to a high level and decreased to a low level to create transitions that convey data. TMDS uses a pair of signal wires to minimize the number of transitions needed to transfer data. When one wire goes to a high-voltage state, the other goes to a low-voltage state. This balance increases the data-transfer rate and improves accuracy.