

DVI over CAT5e Mini Extender

Quick Installation Guide

1. Introduction

DVI over CAT5e Mini-Extender extends your PC DVI transmission distance up to 30 meters at XGA and 10 meters at UXGA

The DVI over CAT5e Mini-Extender includes two identical units: transmitting and receiving units. The transmitting unit is connected to your PC DVI output and the receiving unit is connected to the monitor. While successfully connected, the two LED lights on RJ-45 connector will blink.

1-1 Features and Benefits

- Compliant with DVI 1.1
- Extend the transmission distance up to 30 meters from the sources at XGA
- Extend the transmission distance up to 10 meters from the sources at UXGA
- Video Bandwidth: 1.65 Gbps
- RJ-45 Connector: 2 indication LEDs

1-2 System Requirements

- PC system or DVD player device with an available DVI port

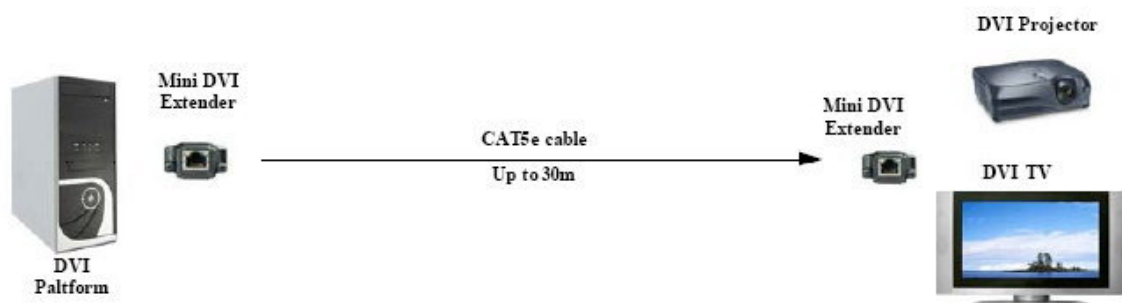
1-3 Package Contents

- 2 x DVI over CAT5e Mini-Extender
- Quick installation guide

1-4 Lay out



Figure DVI over CAT5e Mini-Extender layout



DVI over CAT5e Mini-Extender Application

2. Installation

2-1 Static Electricity Precaution

The **DVI over CAT5e Mini-Extender** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the DVI extender should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

2-2 Hardware Installation

1. Connect your transmitting DVI Adaptor to your PC source.
2. Connect your receiving DVI Adaptor to your remote DVI equipped monitor.
3. Make sure your CAT-5/5e/6 cable is tightly connected and not loose.
4. Enjoy your high quality PC video on the screen.

2-3 Notice

1. All the transmission distances are measured using Belden CAT-5e 125MHz.
2. To reduce the interference among the unshielded twisted pairs of wires in CAT-5/5e/6 cable, you can use shielded CAT-5/5e/6 cables to improve EMI problems, which is worsen in the long transmission.
3. Because the quality of the CAT-5/5e/6 cables has the major effects in how long transmission distance will be made and how good is the received display, the actual transmission length is subject to your CAT-5/5e/6 cables. For resolution greater than 1280x1024, a CAT-6 is recommended.



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