DVI over CAT5e/6 Transmitter and Receiver extender - ID# 15180



Operation Manual



Introduction

The DVI Extender over single CAT5e/6 allows for a more efficient system setup and is easy to install.

Uncompressed video and audio can be transmitted to distances of up to 60 meters at 1080p and 3D with High-Definition Audio up to 7.1CH (with HDMI to DVI adaptor).

Designed with HDBaseT technology for greater flexibility in custom installations with full DVI signal transfer over a single CAT5e/6 cable.

Features

- Complies with the HDBaseT-Lite class
- Supports HDMI (including HDCP with HDMI to DVI adaptor) over a single CAT5e/6 up to 60m
- Full HD resolution support (1080p@60Hz/36-bit) and PC resolution support (VGA to WUXGA) over CAT5e/6 cable
- Compact size with stylish design

Applications

- Residential entertainment Installations
- University lecture room display
- Retail sales display
- Meeting room presentation
- Commercial advertising display

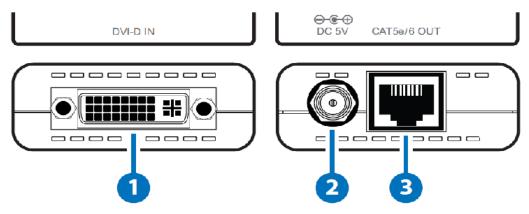
System Requirements

DVI source equipment such as DVD/Blu-ray player/PC and TV/monitor/projector with DVI input and DVI and CAT5e/6 cables.



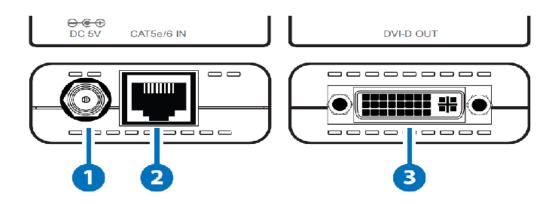
Operation Controls and Functions

Transmitter Front and Rear Panel



- **1. DVI IN:** Connect to the DVI source device such as a DVD player or PC/Laptop with DVI cable.
- **2. DC 5V:** Connect the 5V DC power supply into the unit and Plug the adaptor to an AC outlet.
- **3.** CAT5e/6 OUT: Connect to the receiver unit with a single CAT5e/6 cable to receive all data signals.

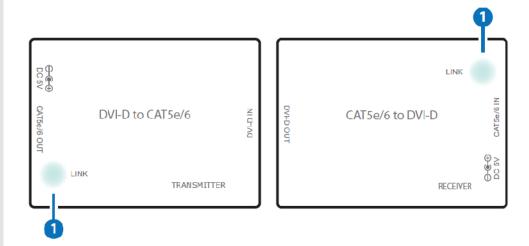
Back Panel



- **1. DC 5V:** Connect the 5V DC power supply into the unit and plug the adaptor to an AC outlet.
- **2.** CAT5e/6 IN: Connect to the transmitter unit with a single CAT5e/6 cable for transmission of all data signals.
- **3. DVI OUT:** Connect to a DVI equipped TV/monitor for display of the DVI input source signal.

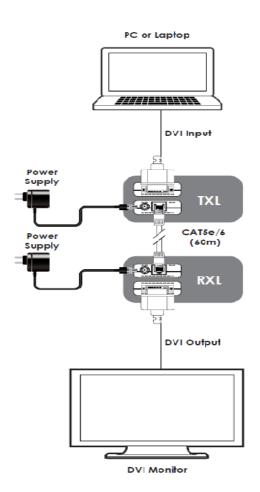


Transmitter and Receiver Top Panels



1. LINK LED: This LED will illuminate in blue when the devices are connected with a CAT5e/6 cable. If the data transmission has an error the LED will blink.

Connection Diagram





Specifications

Video Bandwidth 300 MHz/10.2 Gbps

Transmitter Input 1×DVI

Receiver

Output 1×DVI

ESD Protection Human Body Model:

±8kV (air-gap discharge) ±4kV (contact discharge)

Power Supply 2×5 V/2.6 A DC (US/EU standards,

CE/FCC/UL certified)

Dimensions 55 mm (W) \times 82 mm (D) \times 22.5 mm (H)/each

Weight 56 g (TX), 64 g (RX)

Chassis Material Plastic **Silkscreen Color** White

Operating Temperature0 °C~40 °C/32 °F~104 °FStorage Temperature-20 °C~60 °C/-4 °F~140 °FRelative Humidity20~90 % RH (non-condensing)

Power Consumption 3 W (TX), 5.5 W (RX)

