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

Operation Manual

CONVERTERS.TV

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

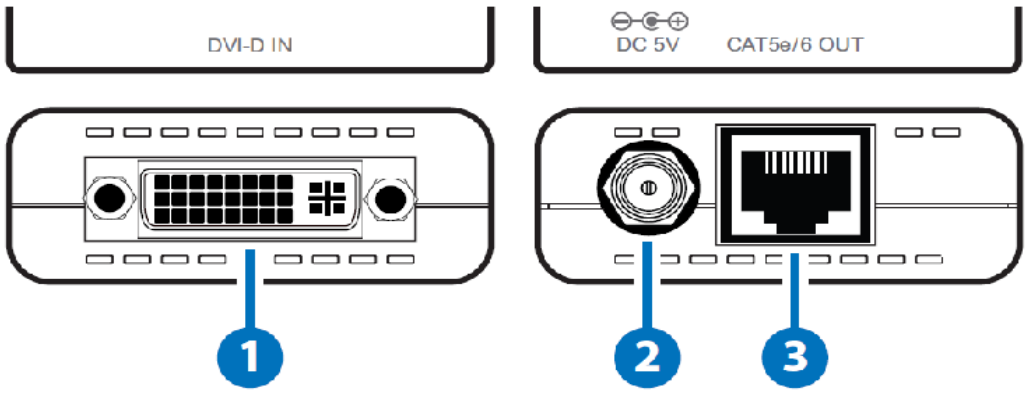
- Residential entertainment Installations
- University lecture room display
- Retail sales display
- Meeting room presentation
- Commercial advertising display

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.

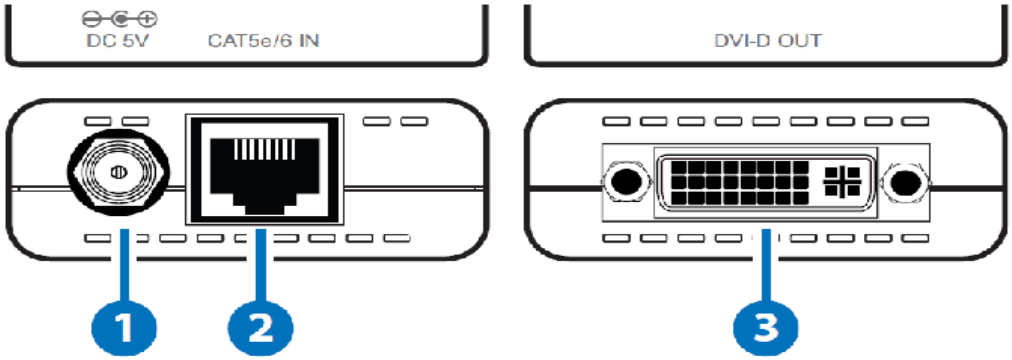
Operation Controls and Functions

Transmitter Front and Rear Panel



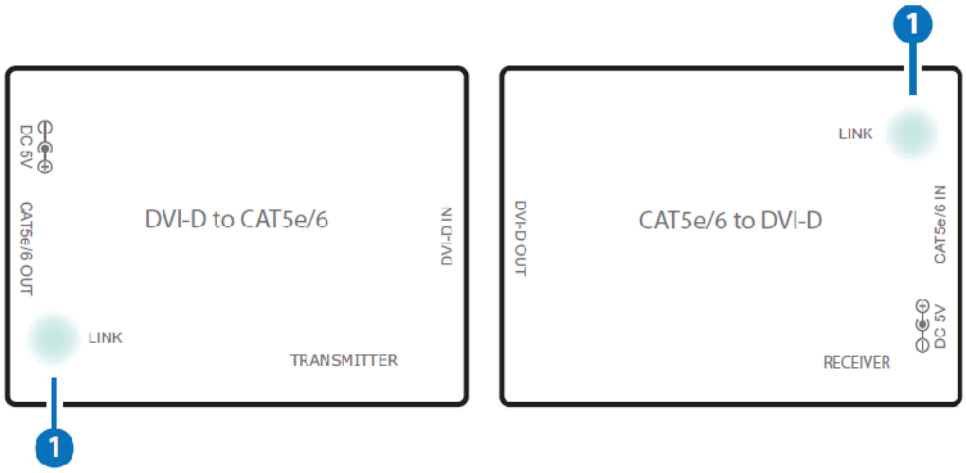
1. DVI IN: Connect to the DVI source device such as a DVD player or PC/Laptop with DVI cable.
2. DC 5V: Connect the 5V DC power supply into the unit and Plug the adaptor to an AC outlet.
3. CAT5e/6 OUT: Connect to the receiver unit with a single CAT5e/6 cable to receive all data signals.

Back Panel



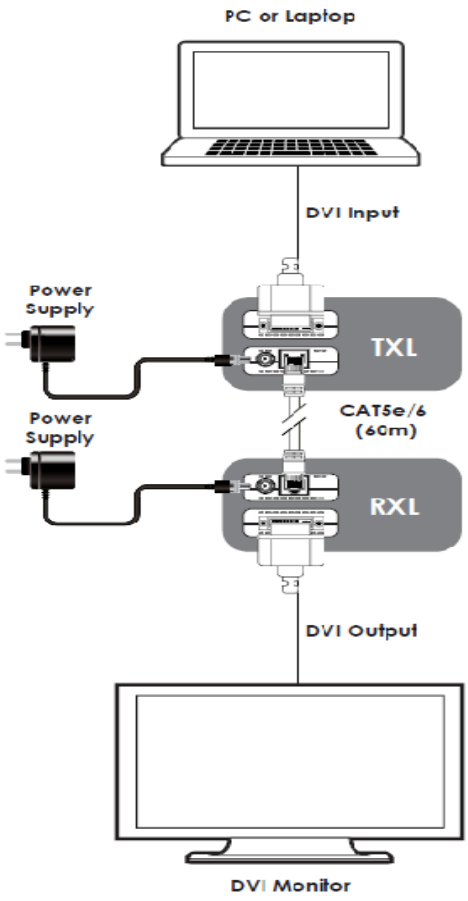
1. DC 5V: Connect the 5V DC power supply into the unit and plug the adaptor to an AC outlet.
2. CAT5e/6 IN: Connect to the transmitter unit with a single CAT5e/6 cable for transmission of all data signals.
3. DVI OUT: Connect to a DVI equipped TV/monitor for display of the DVI input source signal.

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
Output	1×RJ45
Receiver Input	1×RJ45
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)×82 mm (D)×22.5 mm (H)/each
Weight	56 g (TX), 64 g (RX)
Chassis Material	Plastic
Silkscreen Color	White
Operating Temperature	0 ˚C~40 ˚C/ 32 ˚F~104 ˚F
Storage Temperature	−20 ˚C~60 ˚C/−4 ˚F~140 ˚F
Relative Humidity	20~90 % RH (non-condensing)
Power Consumption	3 W (TX), 5.5 W (RX)