DisplayPort to DVI over Cat5/6 Active Extender Kit, Pigtail Transmitter/Receiver for Video/Audio, 125 ft. (38 m), TAA

MODEL NUMBER: **B150-1A1-DVI**

Transmitter and receiver work in tandem to convert a DisplayPort signal to DVI and extend it via Cat5e/6 cable to a projector, monitor or television up to 125 ft. away. Ideal for digital signs, schools and trade shows.

Description

The B150-1A1-DVI DisplayPort to DVI over Cat5/6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to convert a DisplayPort audio/video signal to DVI and then extend it to a projector, monitor or television up to 125 feet (38 meters) away. The kit is ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the video source is located farther than convention cables allow.

One Cat5e/6 cable connects the transmitter and receiver (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series). A built-in DisplayPort plug connects the transmitter to the source, while a built-in DVI-D single-link plug connects the receiver to the display. Included USB Micro-B cables supply power to the units via USB ports on the source and display or USB wall chargers.

Please note: In order to properly power the unit via an external source, a minimum of 500mA will be needed. Any type of power supply will work as well as any standard USB port that is USB 2.0 or newer.

The B150-1A1-DVI can extend a high-definition 1920 x 1080 (60 Hz) signal up to 125 feet. In addition to crystal-clear video, including 24-bit True Color (8 bits per channel), the kit delivers full, rich stereo. LEDs on the RJ45 ports indicate when the units are receiving power and a DVI signal from the source. Built-in equalization control lets you fine-tune the image on the DVI display. Easy to set up with no software or drivers to install. Compatible with all operating systems. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Converts DisplayPort Signal to DVI, Extends It Up to 125-ft. (38.1 m)
- Ideal for digital signs, trade shows, presentations, classrooms, churches and retail settings

- Extends a high-definition 1920 x 1080 (60 Hz) signal up to 125-ft. (38.1 m)

- Transmitter and receiver connect with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series)

- Supports 24-bit True Color (8 bits per channel) and stereo audio

- Built-in equalization control lets you adjust the image on the display

- HDCP 1.3 compliant

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install

- Works with all operating systems

- Built-in cables connect transmitter to DisplayPort source and receiver to DVI-D display

- Included USB Micro-B cables provide power to the units

- LEDs indicate when the units are receiving power and sharing a signal

TAA Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332191311
Product Type	Extender Kit
Technology	DVI; DisplayPort; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 720P Range (ft)	150
Max 1080P Range (ft)	125
Max 1280 x 720 (720p) Range (ft)	125
Max 1920 x 1080 (1080p) Range (ft)	125
Transmitter Video Input	DisplayPort
Transmitter - Number of Video Outputs	1
Receiver/Transceiver Video Output	DVI-D (Single Link)
Receiver - Number of Video Outputs	1
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	125
Maximum Signal Range (m)	38

AUDIO	
Audio Input	Displayport

INPUT	
Bus Powered	No

POWER	
Power Source Type	USB
Power Source	Transmitter and Receiver (Included)
Power Over Cable (PoC) Support	No

CONNECTIONS	
Number of Ports	1
Side A - Connector 1	DISPLAYPORT (MALE)
Side A - Connector 2	RJ45 (FEMALE)
Side A - Connector 3	MICRO-USB B (FEMALE)
Side B - Connector 1	DVI-D SINGLE LINK (MALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	MICRO-USB B (FEMALE)
Connector Plating	Nickel
Daisy-chainable / Cascadable	No

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX & RX: (x1) Green (Connection), (x1) Orange (Data transmission)

PHYSICAL	
Color	Black
Number of Displays	1
Form Factor/Mounting Options	Pigtail
Receiver Unit Dimensions (hwd / in.)	2.4 x 0.94 x 2.04
Receiver Unit Weight (lbs.)	0.07
Shipping Dimensions (hwd / in.)	1.73 x 7.87 x 5.95
Shipping Dimensions (hwd / cm)	4.39 x 19.99 x 15.11
Shipping Weight (lbs.)	0.49
Shipping Weight (kg)	0.22
Transmitter Unit Dimensions (hwd / in.)	2.42 x 1 x 3
Transmitter Unit Weight (lbs.)	0.07
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Housing	Plastic

ENVIRONMENTAL	

Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Relative Humidity	0% to 85%, Non-Condensing

COMMUNICATIONS	
Max 1024 x 768 Range (ft)	150
Max 480P Range (ft)	150
Max 1440 x 900 Range (ft)	150
Max 1080i Range (ft)	150
Max 480i Range (ft)	150
Max 640 x 480 Range (ft)	150
Max 800 x 600 Range (ft)	150
Max 1600 x 1200 Range (ft)	150
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
Displayport Specification	1.2
Driver Required	No

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty