DVI over Cat5/6 Active Extender Kit, Transmitter/Receiver for Video, DVI-D Single Link, Up to 125 ft. (38 m), TAA

MODEL NUMBER: **B140-101X-U**

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

Description

The B140-101X-U DVI over Cat5/6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend a DVI-D signal to a projector, monitor or television. 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 conventional cables allow.

Each unit features a built-in DVI cable for connecting to your computer's DVI output port and the display's DVI input port. Cat5e/6 cable connects the two units (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as the N202-Series). An included USB Micro-B cable connects the receiver and a USB port on the display or a USB wall charger to supply power to the unit.

The HDCP-compatible B140-101X-U can extend a 1920 x 1200 (60 Hz) signal, including 1080p, up to 125 feet (38.1 meters). 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 remote 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

Extends High-Definition DVI-D Single-Link Signals Up to 125-ft. (38.1 m)
- Ideal for digital signs, trade shows, presentations, classrooms, churches and retail settings
- Extends a 1920 x 1200 (60 Hz) signal, including 1080p, 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 HDCP
- Built-in equalization control lets you adjust the image on the remote display

Easy to Set Up and Use
- Plug-and-play engineering—no software or drivers to download and install
- Included USB Micro-B cable provides power to receiver
- Works with all operating systems
- LEDs indicate when the units are receiving power and sharing a signal

- Units connect quickly to source and display with built-in DVI connectors

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

Specifications

OVERVIEW	
UPC Code	037332190239
Product Type	Extender Kit
Technology	DVI; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 720P Range (ft)	175
Max 1080P Range (ft)	125
Max 1280 x 720 (720p) Range (ft)	125
Max 1920 x 1080 (1080p) Range (ft)	125
Transmitter Video Input	DVI-D (Single Link)
Transmitter - Number of Video Outputs	1
Receiver/Transceiver Video Output	DVI-D (Single Link)
Receiver - Number of Video Outputs	1
Range Extension using other Tripp Lite product	175 ft. @ 1024 x 768 XGA 125 ft. @ 1920 x 1080 UXGA
Recommended Cabling	N202-Series Cat6 Patch Cable
Other Tripp Lite product used to extend range	B140-110
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	125
Maximum Signal Range (m)	38

INPUT	
Bus Powered	No

POWER	
Power Source Type	USB
Power Source	Receiver end only (Included)

Power Over Cable (PoC) Support	No

CONNECTIONS	
Number of Ports	1
Side A - Connector 1	DVI-D SINGLE LINK (MALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	DVI-D SINGLE LINK (MALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	MICRO-USB B (FEMALE)
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B140-110

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX & RX: Power (Green); Activity (Orange)

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.)	0.14
Shipping Dimensions (hwd / in.)	7.87 x 5.59 x 1.73
Shipping Dimensions (hwd / cm)	19.99 x 14.20 x 4.39
Shipping Weight (lbs.)	0.44
Shipping Weight (kg)	0.20
Transmitter Unit Dimensions (hwd / in.)	1.36 x 0.94 x 14.16
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 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0-85% non-condensing

COMMUNICATIONS	

Max 1024 x 768 Range (ft)	175
Max 480P Range (ft)	175
Max 1440 x 900 Range (ft)	175
Max 1080i Range (ft)	125
Max 480i Range (ft)	175
Max 640 x 480 Range (ft)	175
Max 800 x 600 Range (ft)	175
Max 1600 x 1200 Range (ft)	175
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
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