TRIPP·LITE by EAT·N

DVI over Cat5/6 Active Extender Kit, Box-Style Transmitter/Receiver for Video, Up to 200 ft. (60 m), TAA

MODEL NUMBER: **B140-101X**

Transmit a DVI-D Single-Link signal up to 200 ft. away using a single Cat5e/6 patch cable

Description

The B140-101X is a DVI over Cat5 Active Extender Kit that comes with both transmitter and receiver units. It transmits a DVI-D Single-Link signal up to 200 feet (61 meters) away using a single Cat5e/6 Ethernet cable. To achieve maximum distance and resolution, use 24 AWG Solid Wire Cat5e/6 cable (N202-Series). The B140-101X is compatible with all operating systems and is plug and play with no software or drivers required. It features a built-in equalization control for adjustment of the video image. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Installation is simple. Connect a the built-in DVI connector on the transmitter unit to a DVI source. Connect the receiver unit to a display using a P561-Series DVI cable (not included). Finally, the RJ45 ports on the transmitter and receiver units are connected using a single Cat5e/6 cable. A 1920 x 1080 at 60 Hz signal can be extended up to 150 feet (45.7 meters) from the source or a 1024 x 768 at 60 Hz signal up to 200 feet.

Further expand the range and number of monitors by using a B140-110 repeater unit. Add up to four remote units (three repeaters and one active receiver) in a single chain, for a total of four displays (an active receiver should be the last unit in a chain). A 1920 x 1080 at 60 Hz signal can be extended up to 125 feet (38.1 meters) from each repeater to the next unit in the chain or a 1024 x 768 at 60 Hz signal can be extended up to 175 feet (53.3 meters).

Features

- Extender kit comes with transmitter and receiver units
- Transmit a DVI-D Single-Link signal up to 200-ft. (61 m) away using a single Cat5e/6 patch cable
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 at 60 Hz
- Extends a 1920 x 1080 at 60 Hz signal up to 150-ft. (45.7 m), or a 1024 x 768 at 60 Hz signal up to 200-ft. (61 m)
- Use 24 AWG Solid Wire Cat5e/6 cable, such as N202-Series, to achieve maximum distance and resolution
- Features a built-in Equalization control for adjustment of the video image
- Further expand the range and number of monitors by using a B140-110 repeater unit
- Add up to four remote units (three repeaters and one active receiver) in a single chain, for a total of 4 displays. (An active receiver should be the last unit in a channel)

Highlights

- Extender kit comes with transmitter and receiver units
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60 Hz
- Extends a 1920 x 1080 @ 60 Hz signal up to 150 ft. (45.72 m), or a 1024 x 768 @ 60 Hz signal up to 200 ft. (61 m)
- Use 24 AWG, Solid Wire Cat5e/6 cable, such as N202-Series, to achieve maximum distance and resolution
- Can further expand the range and number of monitors by adding B140-110 repeaters
- Compatible with all operating systems
- Plug and play, no software or drivers required
- Features a built-in Equalization control for adjustment of the video image
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

Package Includes

- B140-101X local transmitter unit
- B140-101X remote receiver unit
- Screwdriver (used for Equalization control)
- Mounting hardware for receiver unit
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5-ft. (1.52 m)
- Owner's manual

- A 1920 x 1080 at 60 Hz signal can be extended up to 125-ft. (38.1 m) from each repeater to the next unit in the chain, or a 1024 x 768 at 60 Hz signal can be extended up to 175-ft. (53.3 m)
- HDCP compatible
- Compatible with all operating systems
- Plug and play; no software or drivers required
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332154095
Product Type	Extender Kit
Technology	DVI; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 720P Range (ft)	150
Max 1080P Range (ft)	150
Max 1280 x 720 (720p) Range (ft)	150
Max 1920 x 1080 (1080p) Range (ft)	150
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)	200
Maximum Signal Range (m)	61
Maximum Signal Range Details	200 ft @ 1024 x 768 XGA150 ft @ 1920 x 1080 UXGA

INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America

AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.4
Bus Powered	No

POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Receiver end only (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve

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

PHYSICAL	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-01
Form Factor/Mounting Options	Pigtail; Box; Wall-mount
Receiver Unit Dimensions (hwd / in.)	3.61 x 2.53 x 1.01
Receiver Unit Weight (lbs.)	0.4
Shipping Dimensions (hwd / in.)	2.00 x 6.20 x 8.30
Shipping Dimensions (hwd / cm)	5.08 x 15.75 x 21.08
Shipping Weight (lbs.)	1.10
Shipping Weight (kg)	0.50
Transmitter Unit Dimensions (hwd / in.)	1.36 x 0.94 x 14.16
Transmitter Unit Weight (lbs.)	0.14
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Housing	Plastic; Metal

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% to 85%, Non-Condensing

COMMUNICATIONS	
Max 1024 x 768 Range (ft)	200
Max 480P Range (ft)	200
Max 1440 x 900 Range (ft)	150
Max 1080i Range (ft)	150
Max 480i Range (ft)	200
Max 640 x 480 Range (ft)	200
Max 800 x 600 Range (ft)	200
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

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-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)
Side B - Connector 2	RJ45 (FEMALE)
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B140-110

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

STANDARDS & COMPLIANCE	

External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty