

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-ft. (60.96 m) away using a single Cat5e/6 patch cable. To achieve maximum distance and resolution, use 24AWG Solid Wire Cat5e/6 cable (Tripp Lite's 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 the built-in DVI connector on the transmitter unit to a DVI source. Connect the receiver unit to a display using a Tripp Lite 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 @ 60Hz signal can be extended up to 150-ft. (45.72 m) from the source, or a 1024 x 768 @ 60Hz signal up to 200-ft. (60.96 m)

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 chain) A 1920 x 1080 @ 60Hz 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 @ 60Hz signal can be extended up to 175-ft. (53.34 m)

Features

- Extender kit comes with transmitter and receiver units
- Transmit a DVI-D Single-Link signal up to 200-ft. (60.96 m) away using a single Cat5e/6 patch cable
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz

Highlights

- Extender kit comes with transmitter and receiver units
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- Extends a 1920 x 1080 @ 60Hz signal up to 150-ft. (45.72 m), or a 1024 x 768 @ 60Hz signal up to 200-ft. (60.96 m)
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's 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



- Extends a 1920 x 1080 @ 60Hz signal up to 150-ft. (45.72 m), or a 1024 x 768 @ 60Hz signal up to 200-ft. (60.96 m)
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's 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)
- A 1920 x 1080 @ 60Hz 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 @ 60Hz signal can be extended up to 175-ft. (53.34 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
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
Technology	DVI; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920x1080 (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	175ft @ 1024 x 768 XGA 125ft @ 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 XGA 150 ft @ 1920 x 1080 UXGA
INPUT	
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
External Power Supply Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.5A
External Power Supply Output Specs (V / A)	5V/2A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Cord Length (m.)	1.4
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
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 / cm)	5.08 x 15.75 x 21.08
Shipping Dimensions (hwd / in.)	2.00 x 6.20 x 8.30
Shipping Weight (kg)	0.50
Shipping Weight (lbs.)	1.10



Transmitter Unit Dimensions (hwd / in.)	1.36 x 0.94 x 14.16
Transmitter Unit Weight (lbs.)	0.14
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	
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)
FEATURES & SPECIFICATIONS	
Driver Required	No
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>