

## DVI over Cat5/6 Active Extender, Box-Style Remote Receiver for Video, DVI-I Single Link, Up to 200 ft. (60 m), TAA

MODEL NUMBER: **B140-1A0**



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

### Description

The B140-1A0 is a receiver unit that is used with the B140-002 and B140-004 extender/splitter transmitter units, and 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 B140-1A0 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 B140-002 or B140-004 transmitter (not included) to a DVI source using a Tripp Lite P561-Series DVI cable (not included). Connect the B140-1A0 to a display using a Tripp Lite P561-Series DVI cable (not included). Finally, the receiver unit is connected to an RJ45 port on the transmitter unit 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) to each channel of the B140-002 or B140-004, for a total of 4 displays per channel. (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 channel, or a 1024 x 768 @ 60Hz signal can be extended up to 175-ft. (53.34 m).

### Features

- Transmit a DVI-D Single-Link signal up to 200-ft. (60.96 m) away using a single Cat5e/6 patch cable
- For use with B140-002 or B140-004 extender/splitter transmitter 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
- 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) to each channel of the B140-002 or B140-004, for a total of 4 displays per channel. (An active receiver should be the last unit in a channel)

### Highlights

- For use with B140-002 or B140-004 extender/splitter transmitter 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

- B140-1A0 DVI over Cat5 Active Extender Remote Unit
- Mounting hardware
- Screwdriver for adjustment of Equalization
- 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



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- 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 channel, 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	037332156631
Product Type	Receiver
Technology	DVI; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 720P Range (ft)	200
Max 1080P Range (ft)	150
Max 1280 x 720 (720p) Range (ft)	150
Max 1920 x 1080 (1080p) Range (ft)	150
Receiver/Transceiver Video Output	DVI-I
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



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Power Source	Unit (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
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
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	RJ45: Green (Connection), Orange (Data Transmission)
<b>PHYSICAL</b>	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / cm)	5.59 x 18.29 x 16.51
Shipping Dimensions (hwd / in.)	2.20 x 7.20 x 6.50
Shipping Weight (kg)	0.49
Shipping Weight (lbs.)	1.08
Unit Dimensions (hwd / in.)	1 x 2.5 x 3.6
Unit Dimensions (hwd / cm)	2.54 x 6.35 x 9.14
Unit Packaging Type	Box
Unit Weight (lbs.)	0.43
Unit Weight (kg)	0.20
Housing	Metal
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Max 1024 x 768 Range (ft)	200



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Max 480P Range (ft)	200
Max 1440 x 900 Range (ft)	200
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)	200
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
<b>CONNECTIONS</b>	
Number of Ports	1
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Driver Required	No
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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