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. 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 B140-1A0 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 P561-Series DVI cable (not included). Connect the B140-1A0 to a display using a 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 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) to each channel of the B140-002 or B140-004 for a total of four displays per channel (an active receiver should be the last unit in a channel). 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 channel or a 1024 x 768 at 60 Hz signal can be extended up to 175 feet (53.3 meters)

Features

- Transmit a DVI-D Single-Link signal up to 200-ft. (61 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 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) 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 at 60 Hz 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 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	037332156631
Product Type	Receiver
Technology	DVI; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920 x 1080 (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	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	Unit (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

CONNECTIONS

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)
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B140-110

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	RJ45: Green (Connection), Orange (Data Transmission)

PHYSICAL

Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / in.)	2.20 x 7.20 x 6.50
Shipping Dimensions (hwd / cm)	5.59 x 18.29 x 16.51
Shipping Weight (lbs.)	1.08
Shipping Weight (kg)	0.49
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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

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)	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

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