

DVI over Cat5/6 Extender, Wall Plate Receiver for Video, DVI-I Single Link, RJ45, Up to 200 ft. (60 m)

MODEL NUMBER: **B140-1A0-WP-1**



Receiver wallplate extends a DVI-D single-link signal via one Cat5e/6 patch cable up to 200 ft. with a Tripp Lite B140-002 or B140-004 extender/splitter transmitter unit (sold separately).

Description

The B140-1A0-WP-1 DVI over Cat5/6 Extender works in tandem with Tripp Lite's B140-002 or B140-004 extender/splitter transmitter unit (sold separately) to extend a DVI-D single-link signal over a single Cat5e/6 patch cable. It can extend a 1920 x 1080 (@ 60 Hz) signal up to 150-ft. (45.72 m) and a 1024 x 768 signal (@ 60 Hz) up to 200-ft. (60.96 m). It's ideal for digital sign applications in schools, churches, trade shows, retail settings and anywhere else a high-resolution DVI signal needs to be delivered over a long distance.

Just connect a B140-002 or B140-004 transmitter to the DVI source using a DVI cable, such as Tripp Lite's P561-Series. Connect the B140-1A0-WP-1 to the transmitter using a Cat5e/6 cable (for best results, we recommend Tripp Lite N202-Series 24 AWG solid-wire Cat5e/6 cable) and connect to the display using a DVI cable.

To expand the range and the number of displays, add up to three B140-110 remote repeaters and an active receiver to each channel for a total of four displays per channel. A 1920 x 1080 (@ 60 Hz) signal can be extended up to 125-ft. (38.1 m) to the next unit in the chain, and a 1024 x 768 signal (@ 60 Hz) up to 175-ft. (53.34 m).

The B140-1A0-WP-1 works with all operating systems. Its plug-and-play technology means no software or drivers need to be downloaded and installed. Built-in equalization control allows for manual adjustment of the video image. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Extend DVI-D Signal via Cat5e/6 Patch Cable Up to 200-ft. (60.96 m)

- Ideal for digital sign applications in schools, churches, trade shows and retail settings
- Works in tandem with Tripp Lite B140-002 or B140-004 extender/splitter transmitters (sold separately)
- Extends a 1920 x 1080 (@ 60 Hz) signal up to 150-ft. (45.72 m)
- Extends a 1024 x 768 signal (@ 60 Hz) up to 200-ft. (60.96 m)

Even More Distance and Flexibility

- Add up to 3 B140-110 remote repeaters and an active receiver for total of 4 displays per channel
- Can extend 1920 x 1080 (@ 60 Hz) signal up to 125-ft. (38.1 m) to next unit in chain

Highlights

- Supports video resolutions up to 1920 x 1080, including 1080p
- Easy RJ45 connector on wallplate back
- Built-in equalization control for image adjustment
- Compatible with all major operating systems
- Plug and play—no software or drivers to download

System Requirements

Package Includes

- B140-1A0-WP-1 DVI over Cat5/6 Extender
- External power supply w/NEMA 1-15P plug and 5-ft. (1.52 m) cord (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A)
- Screwdriver for adjusting equalization
- Mounting hardware
- Owner's manual



- Can extend 1024 x 768 (@ 60 Hz) signal up to 175-ft. (53.34 m) to next unit in chain

Convenient Plug-and-Play Setup

- No software or drivers required
- Compatible with all major operating systems
- Easy RJ45 connector on back—no 110 punchdown necessary
- HDCP compatible
- Built-in equalization control for image adjustment

TAA Compliant

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

Specifications

OVERVIEW	
UPC Code	037332163004
Product Type	Receiver
Technology	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
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
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power (Green); Activity (Orange)
PHYSICAL	
Color	White
Number of Displays	1
Form Factor/Mounting Options	Wallplate
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)	0.34
Shipping Weight (lbs.)	0.75
Unit Dimensions (hwd / in.)	4.5 x 2.75 x 1
Unit Dimensions (hwd / cm)	11.43 x 6.99 x 2.54
Unit Packaging Type	Box
Unit Weight (lbs.)	0.57
Unit Weight (kg)	0.26
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% 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
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)
FEATURES & SPECIFICATIONS	
Driver Required	No
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
Certification & Compliance	RoHS; REACH; FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2022 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:



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

<https://www.tripplite.com/products/product-certification-agencies>