

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 a B140-002 or B140-004 extender/splitter transmitter unit (sold separately) to extend a DVI-D single-link signal over a single Cat5e/6 Ethernet cable. It can extend a 1920 x 1080 (60 Hz) signal up to 150 feet (45.7 meters) and a 1024 x 768 signal (60 Hz) up to 200 feet (61 meters). 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 the P561-Series. Connect the B140-1A0-WP-1 to the transmitter using a Cat5e/6 cable (for best results, we recommend 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 feet (38.1 meters) to the next unit in the chain and a 1024 x 768 signal (60 Hz) up to 175 feet (53.3 meters).

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. (61 m)

- Ideal for digital sign applications in schools, churches, trade shows and retail settings
- Works in tandem with B140-002 or B140-004 extender/splitter transmitters (sold separately)
- Extends a 1920 x 1080 (@ 60 Hz) signal up to 150-ft. (45.7 m)
- Extends a 1024 x 768 signal (@ 60 Hz) up to 200-ft. (61 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
- Can extend 1024 x 768 (@ 60 Hz) signal up to 175-ft. (53.3 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

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	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 XGA 150 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
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 / in.)	2.20 x 7.20 x 6.50
Shipping Dimensions (hwd / cm)	5.59 x 18.29 x 16.51
Shipping Weight (lbs.)	0.75
Shipping Weight (kg)	0.34
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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)
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



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