2-Port DVI over Cat5/6 Splitter/Extender, Box-Style Transmitter for Video, DVI-D Single Link, 200 ft. (60 m), TAA

MODEL NUMBER: **B140-002**

Transmitter/splitter extends a DVI video signal via Cat6 cable to 2 projectors, monitors or HDTVs up to 200 ft. away.

Features

Splitter Ideal for Digital Signage or Displaying DVI Video in Schools or Trade Show Booths This two-port transmitter/splitter allows you to split a DVI-D single-link signal and extend it to two monitors beyond the normal 16-ft. (4.88 m) DVI limitation using inexpensive Cat5/6 cabling. The B140-002 is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings and other digital signage applications where the source and display are farther apart than conventional A/V cables allow.

Extend a DVI Video Signal up to 200-ft. (60.96 m) from the Source Device The B140-002 extends video from a DVI source device to two DVI displays up to 200-ft. (60.96 m) away via user-supplied Cat5/Cat6 cabling (such as Tripp Lite's N202-Series 24 AWG cables, sold separately). Specifically, it can extend a 1024 x 768 (@ 60 Hz) resolution up to 200-ft. (60.96 m) and a 1920 x 1080 (@ 60 Hz) resolution up to 150-ft. (45.72 m) when used with an active remote unit (Tripp Lite B140-1A0 or B140-1A0-WP, sold separately). When used with a passive remote unit (Tripp Lite B140-1P0, sold separately), it can extend a 1024 x 768 (@ 60 Hz) resolution up to 100-ft. (30.5 m) and a 1920 x 1080 (@ 60 Hz) resolution up to 50-ft. (15.24 m)

Include a Tripp Lite Repeater to Expand the Range and Add More Displays Connect a B140-110 repeater unit (sold separately) to add up to four remote units (three repeaters and one active receiver) to each channel for a total of four displays per channel. An active receiver should be the last unit in a channel. A 1920 x 1080 (@ 60 Hz) signal can be extended up to 125-ft. (38.1 m) from each repeater to the next unit in the channel, while a 1024 x 768 (@ 60 Hz) can be extended up to 175-ft. (53.34 m)

Plug-and-Play Operation for Quick Setup and Immediate Use The included transmitter works right out of the box with no software required. Mounting hardware is included for installing the unit on a wall, pole or 19-inch rack. Its durable metal housing is designed to last a long time and fit seamlessly into any home or office application. The B140-002 is compatible with HDCP standards, all DVI video sources and all operating systems.

TAA-Compliant for GSA Schedule Purchases The B140-002 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Transmits up to 200 ft. for digital signage in bars, offices, classrooms, trade shows, etc.
- Supports HD resolutions up to 1920 x 1080 (@ 60 Hz) for crystal-clear 1080p video
- Works in tandem with Tripp Lite B140-1A0 or B140-1P0 remote receiver
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Displaying a digital menu from a PC on monitors in a restaurant or bar
- Connecting 2 HDTVs to the same cable box, media server or DVD player for sports or movies
- Giving a presentation on large projectors or monitors in a lecture hall
- Creating digital signage for an office lobby, healthcare waiting room, church, school, trade show, conference room, retail display or airport

System Requirements

- Works in tandem with Tripp Lite B140-1A0 or B140-1P0 extender remote receiver or B140-1A0-WP-1 extender wall

plate

Package Includes

- B140-002 DVI over Cat5/Cat6 Splitter/Extender
- External power supply with 5-ft. (1.52 m) cord and NEMA 1-15P plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332156709
Product Type	Transceiver
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-I
Transmitter - Number of Video Outputs	2
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 XGA150 ft @ 1920 x 1080 UXGA

POWER	
Power Source	Unit (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
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
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
Power Over Cable (PoC) Support	No

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45: Green (Connection), Orange (Data Transmission)

PHYSICAL	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	2
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-02
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / cm)	5.59 x 17.53 x 16.26
Shipping Dimensions (hwd / in.)	2.20 x 6.90 x 6.40
Shipping Weight (kg)	0.45
Shipping Weight (lbs.)	1.00
Unit Dimensions (hwd / cm)	2.54 x 6.35 x 9.14
Unit Dimensions (hwd / in.)	1 x 2.5 x 3.6
Unit Packaging Type	Box
Unit Weight (kg)	0.20
Unit Weight (lbs.)	0.43

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)	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	2
Side A - Connector 1	DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)
Side B - Connector 1	(2) RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Driver Required	No
Built-In Equalizer	No
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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Authorized Distributor

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