

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

MODEL NUMBER: **B140-002-DD**



Split and extend Dual DVI signals from a computer to two sets of Dual Displays

Description

Tripp Lite's B140-002-DD takes in two PC DVI source video signals, and splits each to two remote monitors. Passive, non-powered Receivers allow distances up to 50-ft. (15.24 m) @ 1920x1200 resolution, or 100-ft. (30.5 m) @ 1024x768 resolution, over solid conductor Cat6 cable. Active, powered Receivers extend the distance to 150-ft. (45.72 m) @ 1920x1200, and 200-ft. (60.96 m) @ 1024x768 (receivers purchased separately). Additional monitors can be daisy-chained (up to 3) on each channel, allowing four monitors per channel, by using Tripp Lite B140-110 Repeater/Extender. Tripp Lite recommends Cat6 Solid Conductor patch cables for Digital Extenders (DVI/HDMI). Tripp Lite N202-series patch cables are designed specifically for these types of devices...pre-terminated, Solid Conductor Cat6 patch cables up to 200-ft. (60.96 m). Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

- Transmits a DVI-D Single-Link signal from a set of Dual DVI inputs to two sets of Dual Displays
- A B140-Series remote receiver is needed at each monitor
- For longer distances: Use a B140-1A0 active receiver to extend a 1920 x 1200 @ 60Hz signal up to 150-ft. (45.72 m) from the transmitter (or a 1024 x 768 @ 60Hz signal up to 200-ft. (60.96 m) from the transmitter)
- For shorter distances: Use a B140-1P0 passive receiver to extend a 1920 x 1200 @ 60Hz signal up to 50-ft. (15.24 m) from the transmitter (or a 1024 x 768 @ 60Hz signal up to 100-ft. (30.5 m) from the transmitter)
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series to achieve maximum distance and resolution

Highlights

- Split and extend Dual DVI signals from a computer to two sets of Dual Displays
- 1920 x 1200 (60Hz) resolution up to 150-ft. (45.72 m)
- Up to 4 displays per channel when using repeaters
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

Package Includes

- B140-002-DD Extender / Splitter Transmitter Unit
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A)
- Mounting Hardware
- Owner's Manual



- Further expand the range and number of monitors by adding B140-110 remote repeater units
- Add up to three repeaters on each of the B140-002-DD channels, for a total of 4 displays per channel
(An active receiver should be the last unit in a channel)
- A 1920 x 1200 @ 60Hz signal can be extended up to 125-ft. (38.1 m) for each repeater added into a channel (or up to 175-ft. (53.34 m) for a 1024 x 768 @ 60Hz signal)
- DVI 1.0 compliant
- HDCP compatible
- Mounting hardware included that allows the unit to be wall-mounted, rackmounted, or pole mounted
- Plug and play; no software or drivers required
- Compatible with all operating systems
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332177513
Product Type	Transceiver
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A
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



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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
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / cm)	5.51 x 21.41 x 16.41
Shipping Dimensions (hwd / in.)	2.17 x 8.43 x 6.46
Shipping Weight (kg)	0.70
Shipping Weight (lbs.)	1.54
Unit Dimensions (hwd / cm)	3.05 x 12.7 x 9.14
Unit Dimensions (hwd / in.)	5.04 x 3.6 x 1.17
Unit Packaging Type	Box
Unit Weight (kg)	0.36
Unit Weight (lbs.)	0.8
Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32 to 104 °F (0 to 40 °C)



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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	(2) DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)
Side B - Connector 1	(4) 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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