

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
- 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

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



- 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
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
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
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	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 / in.)	5.04 x 3.6 x 1.17
Unit Dimensions (hwd / cm)	3.05 x 12.7 x 9.14
Unit Packaging Type	Box
Unit Weight (lbs.)	0.8
Unit Weight (kg)	0.36
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	
Number of 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
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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