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

The B140-002-DD splits two PC DVI source video signals to two remote monitors. Passive, non-powered receivers allow distances up to 50 feet (15.2 meters) at 1920 x 1200 resolution, or 100 feet (30.5 meters) at 1024 x 768 resolution, over solid conductor Cat6 cable. Active, powered receivers extend the distance to 150 feet (45.7 meters) at 1920 x 1200 and 200 feet (61 meters) at 1024 x 768 (receivers purchased separately). Additional monitors can be daisy-chained (up to three) on each channel, allowing four monitors per channel, by using the B140-110 Repeater/Extender (sold separately). N202-Series Cat6 cables are designed specifically for these types of devices...pre-terminated, solid conductor Cat6 Ethernet cables up to 200 feet. 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 at 60 Hz signal up to 150-ft. (45.7 m) from the transmitter (or a 1024 x 768 at 60 Hz signal up to 200-ft. (61 m) from the transmitter)

- For shorter distances: Use a B140-1P0 passive receiver to extend a 1920 x 1200 at 60 Hz signal up to 50-ft. (15.2 m) from the transmitter (or a 1024 x 768 at 60 Hz signal up to 100-ft. (30.5 m) from the transmitter)

- Use 24 AWG Solid Wire Cat5e/6 cable, such as 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 at 60 Hz signal can be extended up to 125-ft. (38.1 m) for each repeater added into a channel (or up to 175-ft. (53.3 m) for a 1024 x 768 at 60 Hz signal)

- DVI 1.0 compliant

- HDCP compatible

- Mounting hardware included that allows the unit to be wall-mounted, rack-mounted, or pole mounted

- Plug and play; no software or drivers required

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

- Compatible with all operating systems
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332177513
Product Type	Splitter; Extender Kit
Technology	DVI; Cat5/5e; Cat6
Host Connector	HD15 (FEMALE)

VIDEO	
Max Supported Video Resolution	1920 x 1080 (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	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

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
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve

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)
Input x Output	1 x 2
Daisy-chainable / Cascadable	No

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

PHYSICAL	
Color	Black
Cable Length (ft.)	0
Cable Length (m)	0.00
Included Mounting Accessories	Wallmount
Number of Displays	2
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / in.)	2.17 x 8.43 x 6.46
Shipping Dimensions (hwd / cm)	5.51 x 21.41 x 16.41
Shipping Weight (lbs.)	1.54
Shipping Weight (kg)	0.70
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
MST Support	No
Built-In Equalizer	No
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