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

MODEL NUMBER: B140-004







Transmit a DVI-D single-link signal to 4 monitors up to 200 ft. away using a single Cat5/6 Ethernet cable.

Description

The B140-004 transmits a DVI-D Single-Link signal to four monitors up to 200-ft. (60.96 m) away using a single Cat5e/6 patch cable. To achieve maximum distance and resolution, use 24AWG Solid Wire Cat5e/6 cable (Tripp Lite's N202-Series). An additional DVI port is provided for the connection of a local monitor. This local DVI port can also be used to daisychain up to 3 units together, allowing for the connection of up to 13 monitors (12 remote, 1 local). Mounting hardware is included that allows the unit to be rackmounted, wallmounted or pole mounted. In addition, up to three units can be mounted in 1U of rack space using a Tripp Lite B132-004-RB 19" rackmount bracket. The B140-004 is compatible with all operating systems, and is plug and play, with no software or drivers required. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Installation is simple. Connect the B140-004 transmitter to a DVI source using a Tripp Lite P561-Series DVI cable (not included). Connect a Tripp Lite B140-series receiver (not included) to each display using a Tripp Lite P561-Series DVI cable (not included). Finally, each remote receiver is connected to an RJ45 port on the B140-004 using a single Cat5e/6 cable.

For longer extension distances, use a B140-1A0 active receiver unit to extend a 1920 x 1080 @ 60Hz signal up to 150-ft. (45.72 m), or a 1024 x 768 @ 60Hz signal up to 200-ft. (60.96 m).

For shorter extension distances, use a B140-1P0 passive receiver unit to extend a 1920 x 1080 @ 60Hz signal up to 50 ft., or a 1024 x 768 @ 60Hz signal up to 100-ft. (30.5 m).

Further expand the range and number of monitors by using a B140-110 repeater unit. Add up to four remote units (three repeaters and one active receiver) to each channel of the B140-004, for a total of 4

Highlights

- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- For longer distances Use a
 B140-1A0 active receiver unit to
 extend a 1920 x 1080 @ 60Hz
 signal up to 150-ft. (45.72 m), or
 a 1024 x 768 @ 60Hz signal up
 to 200-ft. (60.96 m)
- For shorter distances Use a
 B140-1P0 passive receiver unit
 to extend a 1920 x 1080 @
 60Hz signal up to 50-ft. (15.24
 m), or a 1024 x 768 @ 60Hz
 signal up to 100-ft. (30.5 m)
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, to achieve maximum distance and resolution
- Can further expand the range and number of monitors by adding B140-110 repeaters
- Compatible with all operating systems
- Plug and play, no software or drivers required
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

Package Includes

B140-004 DVI Over Cat5
 Extender/Splitter, 4-Port Local
 Transmitter Unit



displays per channel. (An active receiver should be the last unit in a channel) A 1920 \times 1080 @ 60Hz signal can be extended up to 125-ft. (38.1 m) from each repeater to the next unit in the channel, or a 1024 \times 768 @ 60Hz signal can be extended up to 175-ft. (53.34 m)

Features

- Transmit a DVI-D Single-Link signal to four monitors up to 200-ft. (60.96 m) away using a single Cat5e/6
 patch cable
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- For longer distances Use a B140-1A0 active receiver unit to extend a 1920 x 1080 @ 60Hz signal up to 150-ft. (45.72 m), or a 1024 x 768 @ 60Hz signal up to 200-ft. (60.96 m)
- For shorter distances Use a B140-1P0 passive receiver unit to extend a 1920 x 1080 @ 60Hz signal up to 50 ft., or a 1024 x 768 @ 60Hz signal up to 100-ft. (30.5 m)
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, to achieve maximum distance and resolution
- An additional DVI port is provided for the connection of a local monitor. This local DVI port can also be
 used to daisychain up to 3 units together, allowing for the connection of up to 13 monitors (12 remote, 1
 local).
- Further expand the range and number of monitors by using a B140-110 repeater unit
- Add up to four remote units (three repeaters and one active receiver) to each channel of the B140-004, for a total of 4 displays per channel. (An active receiver should be the last unit in a channel)
- A 1920 x 1080 @ 60Hz signal can be extended up to 125-ft. (38.1 m) from each repeater to the next unit in the channel, or a 1024 x 768 @ 60Hz signal can be extended up to 175-ft. (53.34 m)
- HDCP compatible
- Compatible with all operating systems
- Plug and play; no software or drivers required
- Mounting hardware is included that allows the unit to be rackmounted, wallmounted or pole mounted. In addition, up to three units can be mounted in 1U of rack space using a Tripp Lite B132-004-RB 19" rackmount bracket.
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

- 1-ft. (0.31 m) DVI daisychain cable
- Mounting hardware
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 2A)
- · Owner's Manual

Specifications

OVERVIEW	
UPC Code	037332156693
Product Type	Transceiver
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
Technology	DVI; Cat5/5e; Cat6
VIDEO	





Max 720P Range (ft) Max 1080P Range (ft) Max 1280 x 720 (720p) Range (ft) Max 1920 x 1080 (1080p) Range (ft) Transmitter Video Input Transmitter - Number of Video Outputs Transmitter - Local Display Output Signal Range (ft) Signal Range (ft) Signal Range (m) Range Extension using other Tripp Lite product Recommended Cabling N202-Ser Other Tripp Lite product used to extend range 3D Video Supported Power Power Source Power Source Type AC Adapt AC Plug Type NEMA 1-f External Power Supply Input Specs (V / Hz / A) External Power Supply Output Specs (V / A) External Power Supply Cord Length (ft.) External Power Supply Cord Length (ft.) External Power Supply DC Barrel Connector Specs OD: 5.5 x	uded)	
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(m.) External Power Supply DC Barrel Connector Specs OD: 5.5 x		
Connector Specs OD. 5.5 X		
External Power Supply Certifications FCC; PSE	2.1 x 7.5mm, Positive Pin, Negative Sleeve	
	E; TUV; UL; cUL	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators Red (Pow		
PHYSICAL		
Color Black	/er); RJ45: Green (Connection), Orange (Data Transmission)	
Included Mounting Accessories Wallmoun	ver); RJ45: Green (Connection), Orange (Data Transmission)	
Number of Displays 4		



Optional Mounting Accessory Notes	Up to three transmitters local units can be mounted in 1U of rack space using a Tripp Lite B132-004-RB - RB- Extender/Splitter 19in rackmount bracket	
Form Factor/Mounting Options	Box; Wall-mount; Rackmount	
Shipping Dimensions (hwd / cm)	5.33 x 25.65 x 16.26	
Shipping Dimensions (hwd / in.)	2.10 x 10.10 x 6.40	
Shipping Weight (kg)	0.82	
Shipping Weight (lbs.)	1.80	
Unit Dimensions (hwd / cm)	2.86 x 12.7 x 10.16	
Unit Dimensions (hwd / in.)	3.94 x 5.04 x 1.17	
Unit Packaging Type	Вох	
Unit Weight (kg)	0.36	
Unit Weight (lbs.)	0.8	
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	
Consumer Electronics Control (CEC) Supported	Yes	
USB Extension Support	No	
CONNECTIONS		
Ports	4	
Side A - Connector 1	DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)	
Side B - Connector 1	(4) RJ45 (FEMALE)	



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Side B - Connector 2	DVI-I (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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