

4-Port DVI over Cat5/Cat6 Extender Splitter, Video Transmitter, 1920x1080 at 60Hz, Up to 200-ft., TAA

MODEL NUMBER: **B140-004**



Description

The B140-004 transmits a DVI-D Single-Link signal to four monitors up to 200 ft. 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., or a 1024 x 768 @ 60Hz signal up to 200 ft..

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..

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. from each repeater to the next unit in the channel, or a 1024 x 768 @ 60Hz signal can be extended up to 175 ft.

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., or a 1024 x 768 @ 60Hz signal up to 200 ft.
- 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.
- 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

- For international use, the [B110-INT](#) power supply can be purchased separately; it features plugs for the UK, Europe, and Australia

Package Includes

- B140-004 DVI Over Cat5 Extender/Splitter, 4-Port Local Transmitter Unit
- 1 ft. DVI daisychain cable
- Mounting hardware
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A Output:



Features

- Transmit a DVI-D Single-Link signal to four monitors up to 200 ft. 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., or a 1024 x 768 @ 60Hz signal up to 200 ft.
- 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.
- 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. from each repeater to the next unit in the channel, or a 1024 x 768 @ 60Hz signal can be extended up to 175 ft.
- 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

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- Owner's Manual

Specifications

PHYSICAL	
Optional Mounting Accessory Notes	Up to three B140-004 local units can be mounted in 1U of rack space using a Tripp Lite B132-004-RB Extender/Splitter 19in rackmount bracket
Unit Dimensions (hwd / in.)	1.125 x 5 x 4
Unit Dimensions (hwd / cm)	2.86 x 12.7 x 10.16
Included Mounting Accessories	Yes
Color	Black
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 1080P Range (ft)	150
Max 480i Range (ft)	200
Max 640 x 480 Range (ft)	200



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Max 800 x 600 Range (ft)	200
Max 1600 x 1200 Range (ft)	150
Max 720P Range (ft)	150
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)
Side B - Connector 2	DVI-I (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>