

## DVI over Cat5/Cat6 Active Extender, Box-Style Remote Video Receiver, 1920x1080 at 60Hz, Up to 200-ft., TAA

MODEL NUMBER: **B140-1A0**



### Description

The B140-1A0 is a receiver unit that is used with the [B140-002](#) and [B140-004](#) extender/splitter transmitter units, and it transmits a DVI-D Single-Link signal 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). The B140-1A0 is compatible with all operating systems, and is plug and play, with no software or drivers required. It features a built-in Equalization control for adjustment of the video image. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Installation is simple. Connect a [B140-002](#) or [B140-004](#) transmitter (not included) to a DVI source using a Tripp Lite P561-Series DVI cable (not included). Connect the B140-1A0 to a display using a Tripp Lite P561-Series DVI cable (not included). Finally, the receiver unit is connected to an RJ45 port on the transmitter unit using a single Cat5e/6 cable. A 1920 x 1080 @ 60Hz signal can be extended up to 150 ft. from the source, or a 1024 x 768 @ 60Hz signal up to 200 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 [B140-002](#) or [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.

### Features

- Transmit a DVI-D Single-Link signal up to 200 ft. away using a single Cat5e/6 patch cable
- For use with [B140-002](#) or [B140-004](#) extender/splitter transmitter units
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- Extends a 1920 x 1080 @ 60Hz signal up to 150 ft., or a 1024 x 768 @ 60Hz signal up to 200 ft.

### Highlights

- For use with [B140-002](#) or [B140-004](#) extender/splitter transmitter units
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- Extends a 1920 x 1080 @ 60Hz signal up to 150 ft., or a 1024 x 768 @ 60Hz signal up to 200 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
- Features a built-in Equalization control for adjustment of the video image
- 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

- B140-1A0 DVI over Cat5 Active Extender Remote Unit
- Mounting hardware
- Screwdriver for adjustment of Equalization
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.)



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, to achieve maximum distance and resolution
- Features a built-in Equalization control for adjustment of the video image
- 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 [B140-002](#) or [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
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

- Output: 5V, 2A, 5 ft.
- Owner's Manual

## Specifications

| OVERVIEW                      |                                                       |
|-------------------------------|-------------------------------------------------------|
| AC Adapter                    | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft. |
| PHYSICAL                      |                                                       |
| Unit Dimensions (hwd / in.)   | 1 x 2.5 x 3.6                                         |
| Unit Dimensions (hwd / cm)    | 2.54 x 6.35 x 9.14                                    |
| Included Mounting Accessories | Yes                                                   |
| COMMUNICATIONS                |                                                       |
| Max 1024 x 768 Range (ft)     | 200                                                   |
| Max 480P Range (ft)           | 200                                                   |
| Max 1440 x 900 Range (ft)     | 200                                                   |
| Max 1080i Range (ft)          | 150                                                   |
| Max 1080P 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)    | 200                                                   |
| Max 720P Range (ft)           | 200                                                   |
| CONNECTIONS                   |                                                       |
| Ports                         | 1                                                     |
| Side A - Connector 1          | RJ45 (FEMALE)                                         |



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|                                     |                                                       |
|-------------------------------------|-------------------------------------------------------|
| Side B - Connector 1                | DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK) |
| <b>WARRANTY</b>                     |                                                       |
| Product Warranty Period (Worldwide) | 1-year limited warranty                               |

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- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.