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Model #: B126-002

HDMI over Cat5 Extender/Splitter - 2-Port Local Transmitter Unit



Highlights

- Supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p (60Hz)
- HDCP and 3D compatible
- Compatible with both stereo audio and 7.1 channel surround sound audio (7.1 channel surround sound signal will be Multi-Channel or PCM)
- Supports 24-bit True Color (8-bits per channel)
- Can further expand the range and number of monitors by adding repeaters
- Mounting hardware included
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Description

The B126-002 transmits a 1080p (60Hz) signal to two monitors up to 150 ft. away using Cat5e/6 cable. To achieve maximum distance and resolution, use 24Awg Solid Wire Cat5e/6 cable. (Tripp Lite's N202-Series) Supports 24-bit True Color (8-bits per channel), HDCP, 3D, and both stereo audio and 7.1 channel surround sound audio (*7.1 channel surround sound signal will be Multi-Channel or PCM*).

Installation is simple. Connect the B126-002 transmitter to an HDMI source using a Tripp Lite P568-Series HDMI cable (not included). Connect a Tripp Lite B126-series receiver (not included) to each display using a Tripp Lite P568-Series HDMI cable (not included). Finally, each remote receiver is connected to an RJ45 port on the B126-002 using a single Cat5e/6 cable.

For longer extension distances, use a [B126-1A0](#) or [B126-1A0-WP-1](#) active receiver:

- A 1080p (60Hz) signal can be transmitted up to 150 ft.
- A 1080i (60Hz) signal can be transmitted up to 200 ft.
- A 3D signal can be transmitted up to 125 ft.

For shorter distances, use a [B126-1P0](#) or [B126-1P0-WP](#) passive receiver:

- A 1080p (60Hz) signal can be transmitted up to 50 ft.
- A 1080i (60Hz) signal can be transmitted up to 100 ft.
- Cannot be use for a 3D signal

Further extend the signal range or add more displays by using a Tripp Lite [B126-110](#) Remote Repeater unit:

- Add up to three repeaters on each channel of the B126-002 for a total of 4 displays per channel (A receiver should be the last unit in a channel)
- A 1080p (60Hz) signal can be extended up to 125 ft. for each repeater added into a channel
- A 1080i (60Hz) signal can be extended up to 175 ft. for each repeater added into a channel
- A 3D signal can be extended up to 100 ft. for each repeater added into a channel



Package Includes

- B126-002 HDMI Over Cat5 Extender/Splitter, 2-Port
- Mounting hardware
- External power supply (Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 2A)
- Owner's Manual

Features

- Supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p (60Hz)
- 24Awg, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, is required to achieve maximum distance and resolution.
- Use Tripp Lite P568-Series HDMI cables to connect to HDMI source and monitor.
- Extends a 1080p (60Hz) signal up to 150 ft. when used with a [B126-1A0](#) or [B126-1A0-WP-1](#) active remote receiver unit.
- Extends a 1080p (60Hz) signal up to 50 ft. when used with a [B126-1P0](#) or [B126-1P0-WP](#) passive remote receiver unit.
- Extends a 3D signal up to 125 ft. when used with an active remote receiver unit. A 3D signal cannot be extended using a passive remote receiver unit.
- Further extend the signal range or add more displays by using a Tripp Lite [B126-110](#) Remote Repeater unit.
- Connect up to 4 remote units in a repeater chain (3 repeaters and 1 active receiver), with a monitor at each location.
- Extends a 1080p (60Hz) signal up to 125 ft., or a 3D signal up to 100 ft., from the B126-002 transmitter to the first repeater unit in the installation
- Extends a 1080p (60Hz) signal up to an additional 125 ft., or a 3D signal up to an additional 100 ft., from each repeater unit to the next unit in the installation
- Supports 24-bit True Color (8-bits per channel)
- Compatible with both stereo audio and 7.1 channel surround sound audio (7.1 channel surround sound signal will be Multi-Channel or PCM).
- HDCP compatible
- Mounting hardware is included that allows the B126-002 to be rackmounted, wallmounted or pole mounted
- Compatible with all operating systems
- Plug and play; No drivers required
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
Cable Type	HDMI
Display Style	Splitter
PHYSICAL	
Unit Dimensions (HWD/in)	1 x 2.5 x 3.6
Unit Dimensions (HWD/cm)	2.54 x 6.35 x 9.14
Mounting accessories included	Yes
Color	Black
CONNECTIONS	
Connector A	 (X2) RJ45 (FEMALE)
Connector B	 HDMI (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

Related Items

Required Products

Related Model	Description	Qty.
B126-1A0	HDMI Over Cat5 Active Extender Remote Unit	1

B126-1A0-WP-1	HDMI Over Cat5 Active Extender Remote Receiver Wallplate	1
B126-1P0	HDMI Over Cat5 Passive Extender Remote Unit	1
B126-1P0-WP-1	HMI over Cat5 Passive Extender remote Wallplate	1

Recommended Products

Related Model	Description	Qty.
N202-025-BL	25-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-050-BL	50-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-075-BL	75-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-100-BL	100-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-150-BL	150-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-200-BL	200-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N022-01K-GY	1000-ft. Cat5e 350MHz Bulk Solid-core PVC Cable - Gray	1
N222-01K-GY	1000-ft. Cat6 Gigabit Bulk Solid PVC Cable - Gray	1

Optional Products

Related Model	Description	Qty.
B110-INT	International AC Adapter for Tripp Lite Video over CAT5 Extenders	1
B126-004	HDMI over Cat5 Extender/Splitter - 4-Port Local Transmitter Unit	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.triplite.com/en/products/model.cfm?txtModelID=4667.

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