

# VGA over Cat5/6 Extender Kit, Box-Style Transmitter/Receiver for Video, Up to 1000 ft. (305 m), TAA

MODEL NUMBER: **B130-101-2**



## Features

- Extends a 1920 x 1440 (60 Hz) video signal up to 500 ft., or a 1024 x 768 (60 Hz) video signal up to 1,000 ft., when using 24 AWG Solid Wire Cat5e/6 cable, such as N022-01K-GY (Cat5) and N222-01K-GY (Cat6)
- EDID copy feature ensures optimal display compatibility
- Can further expand the range and number of monitors by adding B132-110A (Video Only) repeaters
- Connect up to 3 repeaters, with the B130-101-2 receiver at the end of the chain, for a total of 4 monitors.
- A 1920 x 1440 (60 Hz) signal can be extended up to 500 ft. from the first repeater in the chain to the last receiver. A 1024 x 768 (60 Hz) signal can be extended up to 1,000 ft. from the first repeater in the chain to the last receiver.
- For optimal image quality between 500 and 1,000 ft., use Zero-Skew cable, such as P524-01K
- The remote (Receiver) unit features built-in Equalization and Gain controls to adjust the video image
- Includes mounting hardware for both local and remote units, allowing them to be wallmounted, rack-mounted or pole mounted
- Ideal for digital signage situations, such as retail, schools, churches, etc.
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

| OVERVIEW     |                         |
|--------------|-------------------------|
| UPC Code     | 037332178367            |
| Product Type | Extender Kit            |
| Technology   | VGA/SVGA; Cat5/5e; Cat6 |
| VIDEO        |                         |

## Highlights

- Extends a 1920 x 1440 (60 Hz) video signal up to 500 ft., or a 1024 x 768 (60 Hz) video signal up to 1,000 ft., when using 24 AWG, Solid Wire Cat5e/6 cable, such as N022-01K-GY (Cat5) and N222-01K-GY (Cat6)
- Can further expand the range and number of monitors by adding B132-110A (Video Only) repeaters
- EDID copy feature ensures optimal display compatibility
- For optimal image quality between 500 and 1,000 ft., use Zero-Skew cable, such as P524-01K
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## System Requirements

### Package Includes

- Local (Transmitter) unit 1 x 4.5 x 2.5 (in.)
- Remote (Receiver) unit 1 x 2.5 x 3.5 (in.)
- Mini-Screwdriver for EQ/Gain adjustment
- (x2) Mounting Hardware Kits
- (x2) External Power Supplies with NEMA 1-15P Plug(Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 2A, 5 ft.)
- Owner's Manual



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|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Max Supported Video Resolution                 | 1920 x 1440 @ 60Hz                                        |
| Max 720P Range (ft)                            | 500                                                       |
| Max 1080P Range (ft)                           | 500                                                       |
| Max 1280 x 720 (720p) Range (ft)               | 500                                                       |
| Max 1920 x 1080 (1080p) Range (ft)             | 500                                                       |
| Max 1920 x 1200 Range (ft)                     | 500                                                       |
| Transmitter Video Input                        | VGA                                                       |
| Transmitter - Number of Video Outputs          | 1                                                         |
| Transmitter - Local Display Output             | VGA                                                       |
| Receiver/Transceiver Video Output              | VGA                                                       |
| Receiver - Number of Video Outputs             | 1                                                         |
| Range Extension using other Tripp Lite product | 1000 ft. @ 1024 x 768 (60Hz) 500 ft. @ 1920 x 1440 (60Hz) |
| Recommended Cabling                            | Solid Wire Cat6 Cables (Tripp Lite's N202-Series)         |
| Other Tripp Lite product used to extend range  | B132-110A                                                 |
| HDR Support                                    | No                                                        |
| 3D Video Supported                             | No                                                        |
| Maximum Signal Range (ft)                      | 1000                                                      |
| Maximum Signal Range (m)                       | 305                                                       |
| Maximum Signal Range Details                   | 1000 ft @ 1024 x 768 (60Hz)500 ft @ 1920 x 1440 (60Hz)    |
| <b>INPUT</b>                                   |                                                           |
| 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)               | 1.38                                                      |
| Bus Powered                                    | No                                                        |
| <b>POWER</b>                                   |                                                           |
| Power Source Type                              | AC Adapter                                                |
| AC Plug Type                                   | NEMA 1-15P                                                |
| Power Source                                   | Transmitter and Receiver (Included)                       |
| Power Over Cable (PoC) Support                 | No                                                        |
| AC Adapter                                     | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.     |



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|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DC Barrel Plug                               | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve                                                                                                                       |
| <b>CONNECTIONS</b>                           |                                                                                                                                                                            |
| Number of Ports                              | 1                                                                                                                                                                          |
| Side A - Connector 1                         | (2) HD15 (FEMALE)                                                                                                                                                          |
| Side A - Connector 2                         | RJ45 (FEMALE)                                                                                                                                                              |
| Side B - Connector 1                         | HD15 (FEMALE)                                                                                                                                                              |
| Side B - Connector 2                         | RJ45 (FEMALE)                                                                                                                                                              |
| Daisy-chainable / Cascadable                 | No                                                                                                                                                                         |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                                                                                                                                            |
| LED Indicators                               | TX & RX: Red (Power); RJ45: Green (Connection), Orange (Data Transmission)                                                                                                 |
| <b>PHYSICAL</b>                              |                                                                                                                                                                            |
| Color                                        | Black                                                                                                                                                                      |
| Number of Displays                           | 1                                                                                                                                                                          |
| Optional Mounting Accessory Notes            | Can DIN Mount using Tripp Lite Bracket B110-DIN-01 and <a href="//tripplite.eaton.com/din-rail-mounting-bracket-for-digital-signage-version-2~B110-DIN-02">B110-DIN-02</a> |
| Form Factor/Mounting Options                 | Box; Wall-mount                                                                                                                                                            |
| Receiver Unit Dimensions (hwd / in.)         | 2.53 x 3.61 x 1.01                                                                                                                                                         |
| Receiver Unit Weight (lbs.)                  | 0.4                                                                                                                                                                        |
| Shipping Dimensions (hwd / in.)              | 2.20 x 8.40 x 6.50                                                                                                                                                         |
| Shipping Dimensions (hwd / cm)               | 5.59 x 21.34 x 16.51                                                                                                                                                       |
| Shipping Weight (lbs.)                       | 1.80                                                                                                                                                                       |
| Shipping Weight (kg)                         | 0.82                                                                                                                                                                       |
| Transmitter Unit Dimensions (hwd / in.)      | 4.53 x 1.06 x 2.46                                                                                                                                                         |
| Transmitter Unit Weight (lbs.)               | 0.5                                                                                                                                                                        |
| Unit Dimensions (hwd / in.)                  | 0.000 x 0.000 x 0.000                                                                                                                                                      |
| Unit Packaging Type                          | Box                                                                                                                                                                        |
| Housing                                      | Metal                                                                                                                                                                      |
| Mounting Details                             | Wallmount                                                                                                                                                                  |
| <b>ENVIRONMENTAL</b>                         |                                                                                                                                                                            |
| Operating Temperature Range                  | 32° to 104°F (0° to 40°C)                                                                                                                                                  |
| Storage Temperature Range                    | -4° to 140°F (-20° to 60°C)                                                                                                                                                |
| Relative Humidity                            | 10% to 90% RH, Non-Condensing                                                                                                                                              |
| <b>COMMUNICATIONS</b>                        |                                                                                                                                                                            |



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|----------------------------------------------|----------------------------------------------------|
| Max 1024 x 768 Range (ft)                    | 1000                                               |
| Max 480P Range (ft)                          | 1000                                               |
| Max 1440 x 900 Range (ft)                    | 500                                                |
| Max 1080i Range (ft)                         | 500                                                |
| Max 1920 x 1440 Range (ft)                   | 500                                                |
| Max 480i Range (ft)                          | 1000                                               |
| Max 640 x 480 Range (ft)                     | 1000                                               |
| Max 800 x 600 Range (ft)                     | 1000                                               |
| Max 1600 x 1200 Range (ft)                   | 500                                                |
| EDID Compatible                              | Yes                                                |
| IR Remote Extension Support                  | No                                                 |
| RS-232 Serial Extension Support              | No                                                 |
| Consumer Electronics Control (CEC) Supported | No                                                 |
| USB Extension Support                        | No                                                 |
| FEATURES & SPECIFICATIONS                    |                                                    |
| 10/100 Ethernet Extension Support            | No                                                 |
| Built-In Equalizer                           | Yes                                                |
| 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                            |

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