

## VGA over Cat5/6 Extender Kit, Box-Style Transmitter/Receiver for Video/RS-232, Up to 1000 ft. (305 m), TAA

MODEL NUMBER: B130-101S-2



### Features

- Extends a 1920 x 1440 (60 Hz) Video and RS232 Serial signal up to 500 ft., or a 1024 x 768 (60 Hz) Video and RS232 Serial 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)
- For optimal image quality between 500 and 1,000 ft., use Zero-Skew cable, such as P524-01K
- EDID copy feature ensures optimal display compatibility
- Supports bi-directional communication
- The local (Transmitter) unit features an additional VGA port for the connection of a local monitor
- The remote (Receiver) unit features built-in Equalization and Gain controls to adjust the video image
- Includes mounting hardware for both the local and remote units, allowing them to be wallmounted, rack-mounted or pole mounted
- Ideal for digital signage situations needing serial access, such as bar code scanners or touchscreen monitors
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule Purchases

### Highlights

- Extends a 1920 x 1440 (60 Hz) Video and RS232 Serial signal up to 500 ft., or a 1024 x 768 (60 Hz) Video and RS232 Serial 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)
- 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.)
- 3.5mm Male to DB9 Male Serial Adapter Cable
- 3.5mm Male to DB9 Female Serial Adapter Cable
- Mini-Screwdriver for EQ/Gain adjustment
- (x2) Mounting Hardware Kits
- (x2) External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 2A, 5 ft.)
- Owner's Manual

## Specifications

| OVERVIEW     |                         |
|--------------|-------------------------|
| UPC Code     | 037332178428            |
| Product Type | Extender Kit            |
| Technology   | VGA/SVGA; Cat5/5e; Cat6 |

| VIDEO                                     |  |
|---|--|
| 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  |
| Recommended Cabling                       | Solid Wire Cat6 Cables (Tripp Lite's N202-Series)      |
| 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) |
| INPUT                                     |  |
| 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   |
| POWER                                     |  |
| 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.  |
| DC Barrel Plug                            | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve   |

| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |  |
|--|--|
| LED Indicators                               | TX & RX: Red (Power); RJ45: Green (Connection), Orange (Data Transmission)   |
| <b>PHYSICAL</b>                              |  |
| Color  | Black  |
| Included Mounting Accessories                | Wallmount  |
| Number of Displays                           | 1  |
| Optional Mounting Accessory Notes            | Can DIN Mount using Tripp Lite Bracket <a href="https://www.tripplite.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 10.20 x 6.50  |
| Shipping Dimensions (hwd / cm)               | 5.59 x 25.91 x 16.51   |
| Shipping Weight (lbs.)                       | 1.90   |
| Shipping Weight (kg)                         | 0.86   |
| 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  |
| <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>                        |  |
| 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              | Yes  |
| Consumer Electronics Control (CEC) Supported | No   |
| USB Extension Support                        | No   |
| <b>CONNECTIONS</b>                           |  |
| Number of Ports                              | 1  |
| Side A - Connector 1                         | (2) HD15 (FEMALE)                                  |
| Side A - Connector 2                         | RJ45 (FEMALE)                                      |
| Side A - Connector 3                         | 3.5MM (FEMALE)                                     |
| Side B - Connector 1                         | HD15 (FEMALE)                                      |
| Side B - Connector 2                         | 3.5MM (FEMALE)                                     |
| Side B - Connector 3                         | RJ45 (FEMALE)                                      |
| Daisy-chainable / Cascadable                 | No   |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |  |
| 10/100 Ethernet Extension Support            | No   |
| Built-In Equalizer                           | Yes  |
| Driver Required                              | No   |
| <b>STANDARDS &amp; COMPLIANCE</b>            |  |
| External Power Supply Certifications         | FCC; PSE; TUV; UL; cUL                             |
| Product Compliance                           | RoHS; REACH; FCC (USA); Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>                |  |
| Product Warranty Period (Worldwide)          | 1-year limited warranty                            |