

## VGA over Cat5/6 Extender Kit, Wall Plate Transmitter/Receiver for Video/Audio, Up to 1000 ft. (305 m), TAA

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



Wall plate transmitter and receiver work in tandem to extend a VGA signal via Cat5e/6 cable to a projector, monitor or television.

### Description

The B130-101A-WP-2 VGA with Audio over Cat5/Cat6 Extender Kit includes transmitter and receiver wall plate units that work in tandem to extend a VGA signal to a projector, monitor or television. The kit is ideal for digital signs in schools, churches or retail applications where the video source is located farther than conventional cables allow. Attractive wall plate units eliminate cable clutter.

Because compatibility issues can occur when EDID information is not properly communicated between the source and the display, the B130-101A-WP-2 includes an EDID copy feature. This enables the transmitter to store the display's EDID information and send it to the video source, ensuring top-shelf compatibility.

The B130-101A-WP-2 can extend a 1024 x 768 (60 Hz) signal up to 1000-ft. (304.8 m) and a 1920 x 1440 (60 Hz) signal up to 500-ft. (152.4 m) when using 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N022-01K-GY (Cat5) and N222-01K-GY (Cat6), to connect the two units. For optimal image quality between 500-ft. (152.4 m) and 1000-ft. (304.8 m), use zero-skew cable, such as Tripp Lite's P524-01K. The RJ45-type wall plate jacks accept standard Cat5e/6 patch cables, so no 110 punchdown connection is required.

You can also connect up to three B132-110A remote repeaters in a chain (using Cat5e/6 cable) for a total of five VGA displays (one local and four remote) and full 1024 x 768 (60 Hz) signal extension of 2,000-ft. (609.6 m)

### Features

**Extended Display Identification Data (EDID) Copy Feature** Transmitter stores monitor's EDID information and sends it to video source, ensuring optimal display compatibility. Monitor must be connected directly to transmitter's VGA port to activate EDID copy feature.

**Extends High-Definition VGA Video and Audio Signals** Extends a 1024 x 768 (60 Hz) signal up to 1,000 ft. and a 1920 x 1440 (60 Hz) signal up to 500 ft. Connect up to three B132-110A remote repeaters to the chain for maximum 1024 x 768 (60 Hz) signal range of 2,000 ft. Transmitter and receiver connect with one Cat5e/6 cable, such as Tripp Lite's N022-01K-GY or N222-01K-GY 24 AWG solid-wire Cat5e/6 cable. No 110 punchdown connection required. For optimal image quality between 500 and 1,000 ft., use zero-skew cable, such as Tripp Lite's P524-01K.

**Easy to Set Up and Use** Plug-and-play engineering—no software or drivers to download and install. Wall plate units eliminate cable clutter. LEDs indicate at a glance when the unit is receiving power. Included VGA + audio "Y" splitter cable allows connection of local monitor and speakers. Built-in equalization and gain controls lets you adjust the image on the remote monitor. Wall-mounting screws included. Supports all

### Highlights

- Stores display's EDID information and sends it to source
- Extends 1024 x 768 video and audio signal up to 1,000 ft.
- Extends 1920 x 1440 video and audio signal up to 500 ft.
- Built-in equalization and gain controls let you fine-tune image
- Plug and play—no software or drivers to install

### System Requirements

### Package Includes

- Transmitter wall plate unit
- Receiver wall plate unit
- VGA + audio "Y" splitter cable
- Screwdriver for adjusting equalization and gain
- (2) External Power Supplies with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A, 5-ft. (1.52 m))
- Wall plate screws
- Owner's Manual

operating systems, as well as HDCP  
**TAA-Compliant**Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

| OVERVIEW                              |  |
|---------------------------------------|--|
| UPC Code                              | 037332186270   |
| Product Type                          | Extender Kit   |
| AC Adapter                            | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.  |
| Technology                            | VGA/SVGA; Stereo Audio; Cat5/5e; Cat6                  |
| VIDEO                                 |  |
| Max Supported Video Resolution        | 1920x1440 @ 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  |
| Signal Range (ft)                     | 1000ft @ 1024 x 768 (60Hz) 500ft @ 1920 x 1440 (60Hz)  |
| Signal Range (m)                      | 304.8m @ 1024 x 768 (60Hz) 152.4m @ 1920 x 1440 (60Hz) |
| Recommended Cabling                   | Solid Wire Cat6 Cables (Tripp Lite's N202-Series)      |
| AUDIO                                 |  |
| Audio Input                           | 3.5mm  |
| Audio Output                          | 3.5mm  |
| Audio Specification                   | Stereo Audio   |
| POWER                                 |  |
| Power Source                          | Transmitter and Receiver (Included)                    |
| Power Source Type                     | AC Adapter   |
| AC Plug Type                          | NEMA 1-15P   |

|   |   |
|---|---|
| External Power Supply Input Specs (V / Hz / A)  | 100-240V / 50-60Hz / 0.5A                                     |
| External Power Supply Output Specs (V / A)      | 5V/2A   |
| External Power Supply Cord Length (ft.)         | 4.5   |
| External Power Supply Cord Length (m.)          | 1.38  |
| External Power Supply DC Barrel Connector Specs | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve          |
| External Power Supply Certifications            | FCC; PSE; TUV; UL; cUL  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>    |   |
| LED Indicators                                  | TX & RX: RJ45: Green (Connection), Orange (Data Transmission) |
| <b>PHYSICAL</b>                                 |   |
| Color   | White   |
| Number of Displays                              | 1   |
| Form Factor/Mounting Options                    | Wallplate   |
| Receiver Unit Dimensions (hwd / in.)            | 4.53 x 2.76 x 1   |
| Receiver Unit Weight (lbs.)                     | 0.5   |
| Shipping Dimensions (hwd / cm)                  | 16.41 x 26.01 x 5.51  |
| Shipping Dimensions (hwd / in.)                 | 6.46 x 10.24 x 2.17   |
| Shipping Weight (kg)                            | 0.73  |
| Shipping Weight (lbs.)                          | 1.61  |
| Transmitter Unit Dimensions (hwd / in.)         | 4.53 x 2.76 x 1   |
| Transmitter Unit Weight (lbs.)                  | 0.5   |
| Unit Packaging Type                             | Box   |
| Housing   | Plastic   |
| <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                        |
| USB Extension Support                | No                         |
| <b>CONNECTIONS</b>                   |                            |
| Ports                                | 1                          |
| Side A - Connector 1                 | 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)              |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                            |
| Driver Required                      | No                         |
| Built-In Equalizer                   | Yes                        |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                            |
| Certifications                       | Tested to FCC, RoHS, REACH |
| <b>WARRANTY</b>                      |                            |
| Product Warranty Period (Worldwide)  | 1-year limited warranty    |

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