

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 let 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



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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



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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
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX & RX: RJ45: Green (Connection), Orange (Data Transmission)
PHYSICAL	
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
ENVIRONMENTAL	
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
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	1000
Max 480P Range (ft)	1000
Max 1440 x 900 Range (ft)	500



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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
CONNECTIONS	
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)
FEATURES & SPECIFICATIONS	
Driver Required	No
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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