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**

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

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 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 feet (304.8 meters) and a 1920 x 1440 (60 Hz) signal up to 500 feet (152.4 meters) when using 24 AWG solid-wire Cat5e/6 cable, such as N022-01K-GY (Cat5) and N222-01K-GY (Cat6), to connect the two units. For optimal image quality between 500 and 1000 feet, use zero-skew cable, such as P524-01K. The RJ45-type wall plate jacks accept standard Cat5e/6 Ethernet cables, so no 110 punch-down 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 2000 feet (609.6 meters)

Features

Extended Display Identification Data (EDID) Copy Feature Transmitter stores monitor's EDID information and sends it to video source, ensuring optimal display compatibilityMonitor 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 N022-01K-GY or N222-01K-GY 24 AWG solid-wire Cat5e/6 cableNo 110 punchdown connection requiredFor optimal image quality between 500 and 1,000 ft., use zero-skew cable, such as P524-01K

Easy to Set Up and Use Plug-and-play engineering—no software or drivers to download and installWall plate units eliminate cable clutterLEDs indicate at a glance when the unit is receiving powerIncluded VGA + audio "Y" splitter cable allows connection of local monitor and speakersBuilt-in equalization and gain

controls lets you adjust the image on the remote monitorWall-mounting screws includedSupports all 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
Accessory Type	Extender
Technology	VGA/SVGA; Stereo Audio; 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)

AUDIO	
Audio Input	3.5mm
Audio Output	3.5mm
Audio Specification	Stereo Audio

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

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 / in.)	6.46 x 10.24 x 2.17
Shipping Dimensions (hwd / cm)	16.41 x 26.01 x 5.51
Shipping Weight (lbs.)	1.61
Shipping Weight (kg)	0.73
Transmitter Unit Dimensions (hwd / in.)	4.53 x 2.76 x 1
Transmitter Unit Weight (lbs.)	0.5
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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
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

CONNECTIONS	
Number of 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)
Daisy-chainable / Cascadable	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