

## 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 (60Hz) Video and RS232 Serial signal up to 500 ft., or a 1024 x 768 (60Hz) Video and RS232 Serial signal up to 1,000 ft., when using 24Awg, Solid Wire Cat5e/6 cable, such as Tripp Lite's 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 Tripp Lite 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, rackmounted 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 (60Hz) Video and RS232 Serial signal up to 500 ft., or a 1024 x 768 (60Hz) Video and RS232 Serial signal up to 1,000 ft., when using 24Awg, Solid Wire Cat5e/6 cable, such as Tripp Lite's N022-01K-GY (Cat5) and N222-01K-GY (Cat6)
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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-



**Tripp Lite**  
1111 W. 35th Street  
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Telephone: 773.869.1234  
www.tripplite.com

240V, 50/60Hz, 0.5A Output:  
5V, 2A, 5 ft.)

- Owner's Manual

## Specifications

OVERVIEW	
UPC Code	037332178428
Product Type	Extender Kit
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
Technology	Serial (RS232); VGA/SVGA; 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
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
HDR Support	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)
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
Power Over Cable (PoC) Support	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
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket <a href="http://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 / cm)	5.59 x 25.91 x 16.51
Shipping Dimensions (hwd / in.)	2.20 x 10.20 x 6.50
Shipping Weight (kg)	0.86
Shipping Weight (lbs.)	1.90
Transmitter Unit Dimensions (hwd / in.)	4.53 x 1.06 x 2.46
Transmitter Unit Weight (lbs.)	0.5
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



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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	Yes
USB Extension Support	No
CONNECTIONS	
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)
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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