

**Warranty
Registration:**
register online today for a
chance to win a FREE Tripp Lite
product—www.tripplite.com/warranty



Owner's Manual

VGA with RS232 Serial Over Cat5 Extender Wallplate Kit

Model: B130-101S-WP



Safety Information	2
Package Contents	2
Product Features	2-3
Optional Accessories	3
Specifications	3
Features	4
Installation	5-6
Warranty & Warranty Registration	6
Español	7
Français	13



1111 W. 35th Street, Chicago, IL 60609 USA
www.tripplite.com/support

Note: Follow these instructions to ensure proper operation and prevent damage to this device and its connected equipment.

Copyright © 2009 Tripp Lite. All rights reserved.
All trademarks are the property of their respective owners.

Safety Information

- To reduce the risk of electric shock, do not expose the product to moisture.
- Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product, or cause fire.
- Use only recommended accessories to avoid fire, shock or other hazards.
- Unplug this product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluids or aerosols, which could enter the unit and cause damage, fire or electrical shock.
- Do not attempt to service this unit. Instead, disconnect it and visit www.tripplite.com/support.
- Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

Package Contents

- | | |
|-------------------------------------------------|----------------------------------|
| • Local Unit | • (2) 5V, 2.0A DC Power Supplies |
| • Remote Unit | • (2) Wallplate Screw Sets |
| • 3.5 mm Male to DB9 Male Adapter Cable | • 110 Punchdown Tool |
| • 3.5 mm Male to DB9 Female Adapter Cable | • Screwdriver |
| • VGA Splitter Cable, HD15 Male/(2) HD15 Female | • Owner's Manual |

Product Features

- Extends a VGA* and RS232 serial signal up to 500 ft. (150 m) using standard Cat5/5e/6 cable (or up to 1000 ft. at 1024x768 using Zero-Skew UTP cable)

* Supports VGA, SVGA, XGA, UXGA and WUXGA monitors

Product Features

- Remotely operates serial devices such as touch-screen monitors or barcode scanners
- Provides a connection for optional local monitor
- Features built-in Equalization and Gain controls to adjust the video image
- Supports video resolutions up to 1920x1440
- No drivers required

Optional Accessories

- P502-Series Monitor Cables with RGB Coax, HD15 Male/Male
- P520-006 DB9 M/F Extension Cable, 6ft.
- P524-Series Zero-Skew UTP Bulk Cable
- N020-01K-GY Cat5e Bulk Stranded Cable, 1000 ft.
- N022-01K-GY Cat5e Bulk Solid Cable, 1000 ft.
- N222-01K-GY Cat6 Bulk Solid Cable, 1000 ft.

Specifications

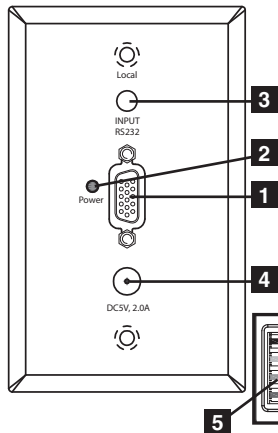
Signal Type	VGA, SVGA, XGA, UXGA and WUXGA
Video Amplifier Bandwidth	350 Mbps
Input DDC Signal	0.7 Volts p-p (TTL)
Signal Noise Ration	90 dB
Local Unit Ports	(1) HD15 Female, (1) 3.5mm Female, (1) 110 Punchdown Female
Remote Unit Ports	(1) HD15 Female, (1) 3.5mm Female, (1) 110 Punchdown Female
Power Supply	(2) 5V, 2.0A DC Power Supplies
Dimensions (Local Unit)	2.75 in. (W) x 4.5 in. (H) x 1.1 in. (D)
Dimensions (Remote Unit)	2.75 in. (W) x 4.5 in. (H) x 1.1 in. (D)
Local Unit Weight	0.2 lb
Remote Unit Weight	0.2 lb

Note: Specifications are subject to change without notice. Mass and dimensions are approximate; please take the actual products as the standard.

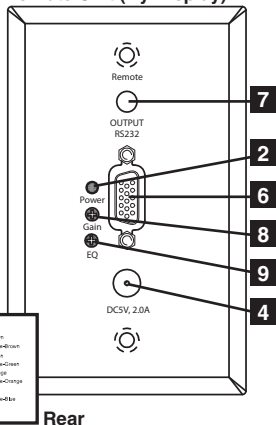
Features

- 1 Source Video-In Port:** HD15 Female Connector.
- 2 Power LED:** This LED illuminates when the external power supply is connected and the unit is receiving power.
- 3 Local Serial Port:** The included 3.5 mm Male to DB9 Female adapter cable plugs into this 3.5 mm Female port.
- 4 Power Jack:** The 5V, 2A external power supply plugs in here.
- 5 110 Punchdown Connector:** Connect Cat5/5e/6 cable between the 110 Punchdown Connectors on the local and remote units.
- 6 Remote Unit Video-Out Port:** HD15 Female Connector.
- 7 Remote Serial Port:** The included 3.5 mm Male to DB9 Male adapter cable plugs into this 3.5 mm Female port.
- 8 Gain Adjustment:** Adjusts brightness.
- 9 EQ Adjustment:** Adjusts equalization length.

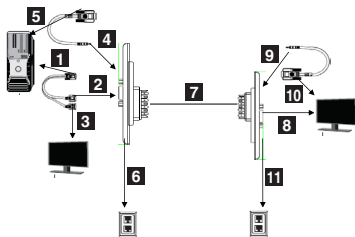
Local Unit (By Source)



Remote Unit (By Display)



Installation



- 1** Connect the Male end of the VGA splitter cable to the HD15 port on the source computer.
- 2** Connect one of the Female ends of the VGA splitter cable to the Local Unit's HD15 port using a VGA cable.
- 3** (Optional) Connect a local monitor to the remaining Female connector of the VGA splitter cable using a VGA cable.
- 4** Connect the included 3.5 mm Male to DB9 Female adapter cable to the 3.5 mm Female port on the local unit.
- 5** Connect the DB9 port on the computer to the DB9 port on the adapter cable.
- 6** Connect the external power supply to the power jack on the local unit and plug it into an appropriate power source.
- 7** Connect the 110 Punchdown Connector on the local unit to the 110 Punchdown Connector on the remote unit using Cat5/5e/6 cable.
- 8** Connect the HD15 port on the remote unit to a monitor.
- 9** Connect the included 3.5 mm Male to DB9 Male adapter cable to the 3.5 mm Female port on the remote unit.
- 10** Connect the DB9 Male port on the adapter cable to the DB9 port of the serial device you are connecting (touch-screen monitor, barcode scanner, etc).
- 11** Connect the external power supply to the power jack on the remote unit and plug it into an appropriate power source.
- 12** Turn the display(s) on first.
- 13** Turn on the computer.

Installation

- 14** If the video on your monitor is either too dark or too light, use the Gain Adjustment on the remote unit.
- 15** If the video on your monitor is fuzzy, or shows a ghosting effect, use the EQ Adjustment on the remote unit.

Warranty & Warranty Registration

1-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED HEREIN, TRIPP LITE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL TRIPP LITE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, TRIPP LITE is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

WARRANTY REGISTRATION

Visit www.tripplite.com/warranty today to register the warranty for your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)

Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Tripp Lite follows a policy of continuous improvement. Product specifications are subject to change without notice.



1111 W. 35th Street, Chicago, IL 60609 USA
www.tripplite.com/support