

# Owner's Manual

## 1-Port Industrial USB 2.0 over Cat5/Cat6 Extender Kit with Metal Case and ESD Protection

Model: B203-101-IND

## 4-Port Industrial USB 2.0 over Cat5/Cat6 Extender Kit with Metal Case and ESD Protection

Model: B203-104-IND

Este manual esta disponible en español en la página de Tripp Lite:  
[tripplite.com](http://tripplite.com)

Ce manuel est disponible en français sur le site Web de Tripp Lite :  
[tripplite.com](http://tripplite.com)

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### WARRANTY REGISTRATION

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## Product Features

- The B203-101-IND and the B203-104-IND extend USB 2.0 signals up to 150 ft. (45 m) from the source
- The B203-104-IND allows you to connect up to four USB 2.0 devices
- Support USB 2.0 data transfer rates up to 480 Mbps
- Power over Cable (PoC) technology provides power to the receivers via Cat5/Cat6 cable
- Backward compatible with USB 1.1
- Plug-and-play; no software or drivers required
- Compatible with all major operating systems

## Package Includes

- B203-101-IND or B203-104-IND Extender Kit (Transmitter and Receiver)
- DIN Rail Mounts (x2)
- M4 Screws (x4)
- RS-232 Phoenix Adapter
- International Power Supply (Input: 100V to 240V) with Plug Adapters for North America, Europe, U.K. and Australia
- Owner's Manual

## Optional Accessories

- N202-Series Cat6 Snagless Patch Cables
- U022-Series USB 2.0 Cables
- UR022-Series Reversible USB 2.0 Cables
- U030-Series USB 2.0 5-Pin Mini-B Cables
- UR030-Series Reversible USB 2.0 5-Pin Mini-B Cables
- U050-Series USB 2.0 Micro-B Cables
- UR050-Series Reversible USB 3.0 Micro-B Cables

## Installation

**Note:** Test to make sure that the entire installation works properly before pulling cables through ceilings or walls.

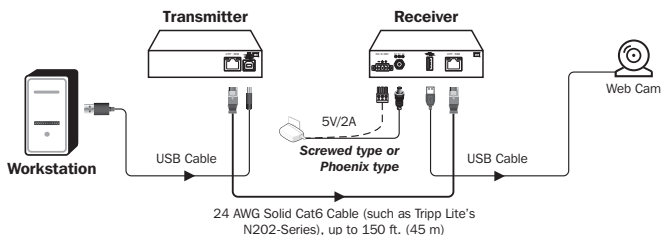
- 1.** Connect the transmitter unit to an available USB port on your computer with a USB 2.0 cable.
- 2.** Connect the RJ-45 ports on the transmitter and receiver units with Cat5e/Cat6 cable.

**Note:** The distance between the transmitter and receiver units must not exceed 150 ft. (45 m).

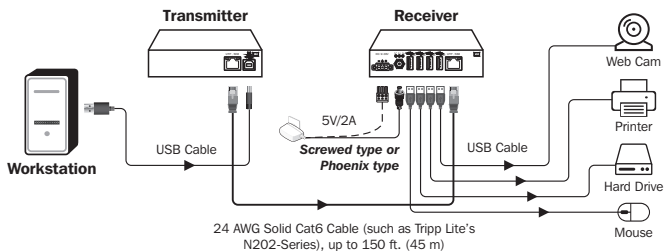
- 3.** Connect a USB 2.0 device to each available port on the receiver unit.
- 4. (Optional)** If connecting power-hungry device(s), use the Phoenix connector on the receiver to add external power (9V to 36V).

# Installation Diagrams

## B203-101-IND



## B203-104-IND



**Note:** When connecting the receiver to power-hungry device(s), add external power (5V 2A) via its Phoenix connector.

## Specifications

Specification	B203-101-IND	B203-104-IND
Supported USB Versions	USB 2.0 (480 Mbps) USB 1.1 (12 Mbps)	
Transmitter Ports	(1x) RJ-45	
Receiver Ports	1x) RJ-45 (1x) USB-A (1x) USB Micro-B	(1x) RJ-45 (4x) USB-A (1x) USB Micro-B
Transmitter Plug	USB-A	
Maximum Extension Distance	150 ft. (45 m)	
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Storage Temperature	5°F to 122°F (-15°C to 50°C)	
Transmitter Dimensions [H x W x D]	1.06 x 4.53 x 2.46 in. (27 x 115 x 62.4 mm)	
Receiver Dimensions [H x W x D]	1.06 x 4.53 x 2.46 in. (27 x 115 x 62.4 mm)	

# Warranty and Product 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.

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# Warranty and Product Registration

## FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

## 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

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