

+ Additional USB Hub Options



Model# BB-UHR204

Heavy Industrial powered USB hub

Model# BB-UHR204 is a four port USB hub with a barrel connector and terminal block for external power. When operating on bus power, it provides 100 mA to downstream ports. When using external power it provides 500 mA to each downstream port.



Model# BB-UHR304

Heavy Industrial powered USB hub with isolation

Model# UHR304 is a four port USB hub with a barrel connector and terminal block for external power. It provides 500 mA to each downstream port. It also adds isolation, protecting connected devices from ground loops and data loss.



BB-UH201

Compact, Portable USB Isolation

2 kV Isolation is as close as your pocket. Use Model# BB-UH201 USB Port Guardian to protect your laptop while connecting to remote devices for field service or programming. Simply plug it into your laptop's USB port and connect your USB cable. (Due to the nature of isolation and USB, bandwidth will be set to 12 Mbps.)



USB Extension Cable

Model# BB-USBAMBM-3F

ADVANTECH

www.advantech.com

707 Dayton Road | PO Box 1040 | Ottawa, IL 61350 USA
Phone: 1 (815) 433-5100 | Fax: 1 (815) 433-5109
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+ QUICK START GUIDE



BB-UH104

Industrial 4-Port USB Hub

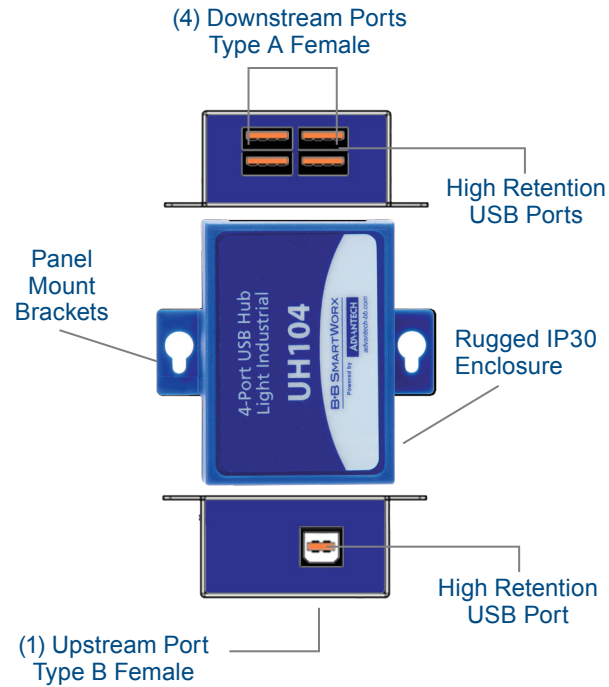
Before you begin, be sure you have the following:

- + 4-Port Industrial USB Hub
- + USB Cable (required but not included)

ADVANTECH

Fast and easy on the web: www.advantech.com

Product Overview



1 Mounting

Model# BB-UH104 can be used as a freestanding device. It also features built-in brackets for easy DIN rail or panel mounting.

2 Connect USB Cables

The BB-UH104 features high retention USB connectors that work with standard USB cables to ensure tight connections in high vibration applications – requiring up to 1.54 kg (3.4 lb) force to disconnect them.

3 Driver Installation

The operating system will automatically install the necessary drivers when the BB-UH104 is plugged in.

4 USB Bus Powering

Model# BB-UH104 is powered by the upstream 5 VDC USB bus providing 100 mA (maximum) of power to each downstream port.

5 Troubleshooting Q & A

Q. The BB-UH104 hub is installed, but a downstream device doesn't seem to be working.

A. Some USB devices derive their power from the USB cable.

Model BB-UH104 will only provide 100 mA to the downstream ports. If your downstream devices require more than 100 mA, you should use a powered USB hub (like Advantech Model# BB-UHR204). A powered USB hub will provide 500 mA to the downstream ports.

Q. Do I need drivers for a USB hub?

No, the operating system will detect the BB-UH104 and install the drivers automatically.

Q. How can I be sure it has been installed?

The new hub will be listed in your Device Manager.

Q. Can I use USB 1.1 and USB 2.0 devices together?

Yes. USB 2.0 is backwards-compatible with USB 1.0 and USB 1.1.