

4-Port USB2.0 Metal Hub with Screw Lock Mechanism

Installation Guide

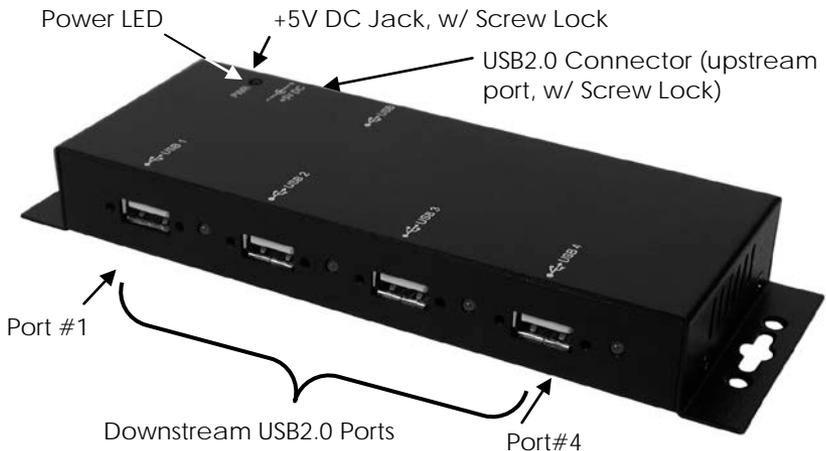
1. Introduction

Thank you for purchasing this high-speed 4-port USB2.0 hub. It provides an ideal solution to expand 4 USB2.0 ports from one single USB2.0 host port. It provides metal case with Screw Lock feature for upstream and downstream USB ports. It provides excellent reliability and performance for most of the applications.

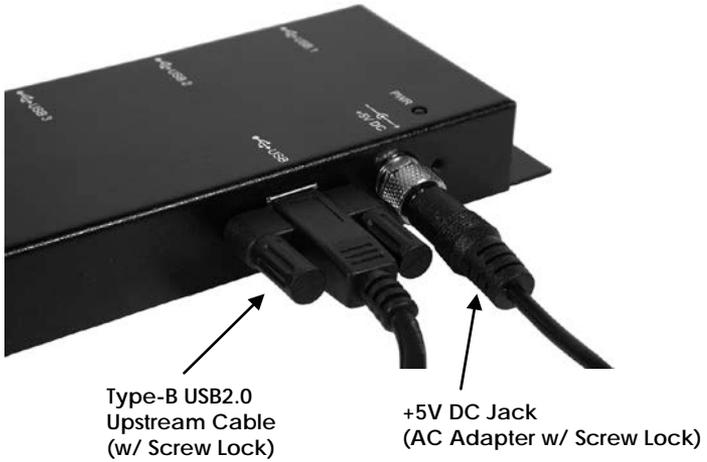
Features:

- ✓ Compliant with USB Specification Revision 2.0
- ✓ Rigid and Wall-mountable Metal Case
- ✓ Supports Screw Lock Mechanism for Upstream and Downstream Connectors to Enhance Reliability
- ✓ Supports High-speed and or Full-speed Packet Protocol Sequencer for Endpoint 0/1
- ✓ Provides 7 Downstream Facing Ports
- ✓ Supports 480Mbps, 12Mbps and 1.5Mbps Speed
- ✓ Supports Self-powered and Bus-powered Mode

2. Connector Layout



- **Back side Connection:**



- **Front Side Connection:**



- **+5V DC Jack Power Connector (w/ Screw Lock):** A DC5V AC adapter (with optional Screw Lock Connector) is supplied with this product. The AC adapter's output has to be connected to here.

- **USB2.0 Upstream Connector (w/ Screw Lock):** Type-B connector from upstream USB2.0 port. It is connected from host or another USB2.0 hub. The connector is compatible with either non-Screw-Lock or Screw-Lock type cables.
- **USB2.0 Downstream Connectors (w/ Screw Lock):** There are 4 Type-A downstream USB2.0 connectors. They should be connected to the USB devices with non-Screw-Lock or Screw-Lock (optional) cables.

3. Hardware Installation

1. **Use static electricity discharge precautions.**
Remove possible static discharge potential from any objects that the hub may come in contact with before installation. This can be accomplished by touching a bare metal chassis rail after you have turned off the power.
2. **Attached the AC power adapter.**
3. **Connecting USB Host cable:** The host cable is a standard A-to-B USB2.0 cable (or optional Screw-Lock type cables). Please connect the type-A end connector of the cable to your upstream USB port, then connect the type-B end connector to this hub. Since the USB hub is plug-and-play, you don't have to turn off your host computer when installing the hub.



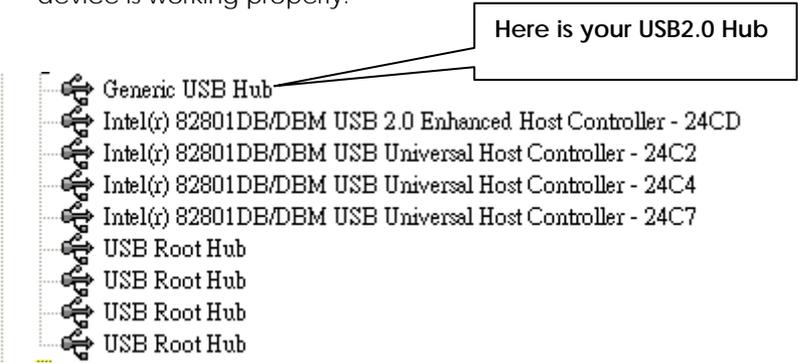
Note: In some cases, you will see an error message said that the USB Hub caused the USB bus power over the current limit, please ignore this message since the hub is hot plug and its power capacitor will cause a very short period of current. It will NOT affect your USB function.

4. **Connect the USB devices to the downstream ports of this hub. You can use either non-Screw-Lock or Screw-Lock type (optional) cables.**
5. **Mount your hub on the wall if required.**

4. Checking the Hub Installation

To check the USB hub installation in Windows device manager, please follow the following steps:

1. Click **Start**
2. Click **Control Panel**
3. Click **System**
4. Click **Device Manager** button
5. Double click **Universal Serial Bus Controller**
6. Double click **Generic USB Hub**, the message will show that this device is working properly.



5. Environmental Specifications

- Operating temp.:** 0 to 55°C (32 to 131°F)
- Operating humidity:** 5 to 95% RH
- Dimensions (LxWxH):** 7.03" (L)x2.43" (W)x0.92" (H)
(17.85 x 6.16 x 2.34 cm)