



Industrial High-Speed 4-Port USB 2.0 Hub with Battery Charging Downstream Port and SeaLATCH USB Ports

Part: HUB4PH | **Model:** 4-Port USB 2.0 Hub

The HUB4PH is a powered USB 2.0 4-port hub that is perfect for adding high-speed USB ports to industrial computing platforms. The hub is USB 2.0 compliant, providing a full 480M bps data rate to the host, and is backward compatible with USB 1.1 and 1.0 devices.

As USB charging has gained popularity, the 500mA minimum found on other USB 2.0 hubs has become insufficient for devices requiring higher charging rates. The HUB4PH ships with port 1 configured as a Charging Downstream Port (CDP) capable of supplying up to 1.5A of current to the downstream device. Port 1 is USB Battery Charging Specification BC1.2 Compliant, perfect for charging batteries or powering high-current USB peripherals.

The remaining 3 ports are configured as Standard Downstream Ports (SDP) capable of supplying up to 500mA of current to the downstream device. The included power supply outputs 5VDC @ 4A and has a locking DC connector to prevent accidental removal of the power cable.

The HUB4PH integrates Sealevel's SeaLATCH locking USB ports, which are fully compatible with standard USB cables. When used with the included USB cable with a SeaLATCH USB type B connector, the metal thumbscrew provides a secure connection to the device and prevents accidental cable disconnection. The hub's four SeaLATCH USB type A connectors can secure downstream USB peripherals to the hub in the same way. Find optional USB cables with SeaLATCH USB connectors under the Accessories tab, or use standard USB cables.

Supported in Windows, Linux, and other USB aware operating systems, the hub requires no separate drivers and is easy to install. Simply provide power to the hub using the included power supply, plug the hub into an available USB port with the included cable, and the hub is automatically recognized.

The HUB4PH is housed in a rugged, attractive plastic enclosure ideal for mounting on walls, under counters, or inside panels. DIN rail clips are available as an option. Standard operating temperature range is 0°C to 70°C and extended temperature range (-40°C to 85°C) is available.

Note: The HUB4PH does not enable high-current battery charging on Apple® devices.

Features & Specifications

Industrial High-Speed 4-Port USB 2.0 Hub with Battery Charging Downstream Port

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Features

- Powered USB 2.0 hub provides four downstream USB ports (1 CDP and 3 SDP)
- One Charging Downstream Port (CDP) supplies up to 1.5A to a connected device
- CDP is battery charging specification BC1.2 compliant
- Three Standard Downstream Ports (SDP) supply up to 500mA to each connected device
- Status LED indicates connection to the host
- USB (Universal Serial Bus) 2.0 compliant hub
- Backward compatible with USB 1.1 and USB 1.0 devices
- Supports high-speed 480M bps, full-speed 12M bps and low-speed 1.5M bps operation
- Supported in Windows, Linux, and other USB-aware operating systems
- Includes wall-mount AC power supply with a locking DC connector that outputs 5VDC @ 4A (Item# TR124)
- Includes 6 foot USB type A to SeaLATCH USB type B device cable (Item# CA356) that prevents accidental cable disconnection

Specifications

Communications Chip	USB Hub
Dimensions	4.3 (L) x 3.4 (W) x 1.3 (H)
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	USB
Max Data Distance	5 Meters
Max Data Rate	480M bps
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	4
Power Requirement	5VDC @ 4A
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
USB Specification	USB 2.0 Compliant; Compatible with USB 1.1 and 1.0 devices