



## Technical Data Sheet

# USB 3.1 4 Port Mountable Hub or Charger with 2A Per Port and ESD Protection

Model Number: CGL-4PU31H



The Coolgear USB 3.1 hub is a 4 port industrial metal hub with a very small form factor accommodating up to 5Gbps of data transmission. It's surface mountable using its attached mounting flange. It supports Windows 7, 8, 8.1, 10, Linux, and Mac OS10.X operating systems and supports 5 hops to cascade with other hubs. It complies with USB 3.1 standards capable of up to 5Gbps data transmission. It supports 6-24V through its 2-wire terminal plug connector (power adapter sold separately).

### Features

- Supports systems with USB 3.0, 2.0, 1.1 ports.
- Can Charge without the need for a host computer.
- Uses Pipe LED's for port status.
- Provides 4 downstream ports supporting 5Gbps data speeds.
- Compliant with USB 3.1 specifications.
- Provides 1 upstream Type-B port to the host computer.
- Supports 15KV ESD surge protection for each port.
- Supports +6 – 24V DC wide range self-power input.
- Supports a 2-pin Phoenix Connector for External power input from AC adapter.
- Backward compatible with data speeds of up to 5Gbps Super-Speed, 480Mbps High-Speed, and 12Mbps Full-Speed, and 1.5Mbps Low-Speed.

### Product Information

- **Model Number:** [CGL-4PU31H](#)
- **Packing List:**
  - Industrial 4-Port USB 3.1 Powered Hub
  - 6-foot USB 3.1 certified A to B cable
  - 2 pin Phoenix connector
- **Optional Accessories:** Does not include power supply; power supply for this product is model # [12V7A2P-A](#)

## Specifications

### OVERVIEW

Product Type	USB 3.1 Hub
Max Data Speed	5Gb/sec
Electrical Protections	Over Current / Over Voltage
Hub Chip	GL3520
Firmware Version	GL3520-22_FW9226
Mountable	Surface Mountable
Construction	Metal
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Kiosk, Office, and others

### CONNECTIONS

Type-A Downstream Ports	4
Type-B Upstream Ports	1
6 – 24V Input Power	2-pin terminal block

### POWER

Max Current	2A with & without host
Self power	Self power source (+6~24V DC from 2-pin Phoenix plug)
Standby Current Consump.	50mA @ 12V

### DIMENSIONS

Length	3.69 inch
Width	4.64 inch
Height	1.36 inch

### OS SUPPORT

Windows	Windows 7, 8, 10
Other	Linux and Mac OS 10.X

### LED

Power	1
Downstream Ports	8 (Per port Green LED when data connection is made. Orange LED when over current is tripped)

### WARRANTY

Warranty Period	1 year from date of purchase
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### PRODUCT URL

CGL-4PU31H Product Page	<a href="https://www.coolgear.com/product/usb-3-1-4-port-mountable-hub-with-2a-ports-and-esd-protection">https://www.coolgear.com/product/usb-3-1-4-port-mountable-hub-with-2a-ports-and-esd-protection</a>
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