



## Technical Data Sheet

# 4 Port USB 3.1 Gen1 Isolated Hub with 15KV ESD Surge Protection

Model Number: CG-U31iS4PH



USB 3.1 4 port hub isolates the four downstream ports from the upstream host port giving you valued circuit protection. With a small footprint, the hub supports 5Gbps super-speed data and backwards compatibility down to USB 1.0 1.5Mbps. With its DIN RAIL mounting plate, it's an ideal hub mountable hub with protection. The 4 port USB 3.1 hub is compliant with Gen1 specifications to give up to 5Gbps data speeds. It includes a power adapter and a screw lock USB 3.0 A to B cable for your host to hub connection. It's ideal for DIN Rail or Wall mounting with its included mounting plate (DIN Rail clips sold separately).

### Features

- Compliant with USB 3.1 Gen 1 Specifications
- Plastic Case with Optional DIN RAIL Mounting Kit for Critical Applications
- Built-in RISC-like USB3.1 Gen 1 Hub Controller
- Provides 4 isolated Downstream USB3.1 Gen 1 Facing Ports
- Supports 3KVrms Isolation Between the Upstream and the 4 Downstream Ports
- Supports 15KV ESD Surge Protection for Each Port
- Supports 5Gbps (Super-speed), 480Mbps (High-speed), 12Mbps (Full-speed) and 1.5Mbps (Low-speed) Speed
- Supports USB Battery Charging v1.2 : CDP, DCP modes power input from AC adapter

### Product Information

- **Model Number:** [CG-U31iS4PH](#)
- **Packing List:**
  - 4 Port USB 3.1 Gen1 Isolated Hub
  - DIN Rail Mounting Kit
  - 5ft. USB 3.0 A to B Screw Lock Cable
  - Power Adapter
  - Paper Installation Guide
- **Optional Accessories:** N/A

## Specifications

### OVERVIEW

Product Type	USB 3.1 Hub (Backward compatible with USB 2.0/1.1)
Electrical Protections	15KV ESD Surge Protection / 3KVrms Isolation
Mountable	DIN Rail Mounting (DIN Rail Mounting Kit Included)
Construction	Plastic
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Office, and others
Certs / Compatibility	RoHS

### CONNECTIONS

Type-A Downstream Ports	4 (USB-A Ports)
Type-B Upstream Ports	1 (USB-B port)
5V DC Input Power	5V DC Power Adapter

### AVAILABLE POWER MODES

Mode 1	N/A
Mode 2	Self power source (+5VDC from Power Adapter)

### ENVIRONMENTAL

Operating Temperature	0 to 70°C (32 TO 131°F)
Operating Humidity	5 to 95% RH
Storage Temperature	-20°C to 85°C (-4 to 185° F)

### DIMENSIONS

Length	5.95" (151.1 mm)
Width	2.44" (62.0 mm)
Height	1.33" (34.0 mm)

### OS SUPPORT

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

### LED

Power	1(green)
Downstream Ports	N/A

### WARRANTY

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

CG-U31iS4PH Product Page	<a href="https://www.coolgear.com/product/4-port-usb-3-gen1-isolated-hub-15kv-esd-surge-protection">https://www.coolgear.com/product/4-port-usb-3-gen1-isolated-hub-15kv-esd-surge-protection</a>
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