



## Technical Data Sheet

# 4 Port Type-C USB 3.1 Gen2 Hub VLI Chip with DIN Rail Mounting Kit

Model Number: CG-4P31CHUB



USB 3.1 Type-C Hub providing up to 10Gbps Data transmission includes a rigid Wall and DIN Rail Mounting Kit to support both USB-A and USB-C connections securely. It is backward compatible with your earlier versions of USB data speeds, light weight, and versatile. The CG-4P31CHUB USB 3.1 Type-C Hub uses a 2-pin terminal block connection for input power of +7 – 24V DC for the downstream facing ports. It is backward compatible with 5Gbps (Super-Speed), 480Mbps (High-Speed), 12Mbps (Full-Speed), and 1.5Mbps (Low-Speed) data rates. The plastic mounting plate for the DIN Rail Clips snaps on to the bottom of the hub for secure mounting.

### Features

- Compliant with USB 3.1 Gen2 Specifications
- Rigid plastic Wall and DIN Rail Mounting Case.
- Provides 4 (2 USB-C and 2 USB-A) Downstream facing USB 3.1 Ports
- Supports 10Gbps(Super-Speed Plus), 5Gbps (Super-Speed), 480Mbps(High-Speed), 12Mbps(Full-Speed), and 1.5Mbps(Low-Speed) data rates
- Multi Transaction Translators (TT) per Hub
- Support USB Battery Charging: SDP, CDP and DCP modes
- Built with the VLI VL820-Q8 chip

### Product Information

- **Model Number:** [CG-4P31CHUB](#)
- **Packing List:**
  - 4 Port USB 3.1 Gen2 Hub
  - Wall/DIN Rail Mounting Kit
  - Power Supply
  - 3ft. USB-C to C Male Cable
  - 4 Rubber Foot Pads
  - Paper Installation Guide
- **Optional Accessories:** N/A

## Specifications

### OVERVIEW

|                        |   |
|------------------------|---|
| Product Type           | USB 3.1 Gen2 Hub 10Gbps (Backward compatible with USB 2.0/1.1)                          |
| Electrical Protections | N/A   |
| 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 (2 USB-C ports and 2 USB-A ports)       |
| Type-C Upstream Ports   | 1 (USB-C port)                            |
| 7 - 24V DC Input Power  | 7 - 24V DC Terminal Block Input Connector |

### AVAILABLE POWER MODES

|        |  |
|--------|--|
| Mode 1 | N/A  |
| Mode 2 | Self power source (+7 - 24VDC from Power Source) |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0 to 55°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 Power LED on Top |
| Downstream Ports | 1 LED per Port     |

### WARRANTY

|                 |                              |
|-----------------|------------------------------|
| Warranty Period | 1 year from date of purchase |
|-----------------|------------------------------|

### PRODUCT URL

|                          |   |
|--------------------------|---|
| CG-4P31CHUB Product Page | <a href="https://www.coolgear.com/product/4-port-type-c-usb-3-1-gen2-hub-with-din-rail-mounting-kit">https://www.coolgear.com/product/4-port-type-c-usb-3-1-gen2-hub-with-din-rail-mounting-kit</a> |
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