Coolgear, Inc.
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Technical Data Sheet **Rev 05.230403**

USB C Hub 4 Port USB 3.1 Gen1 SuperSpeed Type-B Upstream

Model Number: **CG-4PU31C1B1**

Features

- Compliant with USB 3.1 Gen 1 Specifications
- Provides 4 (1 USB-C and 3 USB-A) downstream facing USB 3.1 ports
- Supports 5Gbps (super-speed), 480Mbps (High-Speed), 12Mbps (Full-Speed), and 1.5Mbps (low-speed) speeds
- Supports 15KV ESD Surge Protection
- Supports USB battery charging: CDP and DCP modes

Package Contents

- 2-Pin Terminal Block
- DIN rail bracket
- Hub
- USB Cable

Specifications

OVERVIEW	
Model No	CG-4PU31C1B1
Product Type	USB Hub
Compliance	RoHS | TAA
UPC	045079158429
Country of Origin	Taiwan
LED indicators	None or N/A
Chipset	GL3523
Electrical Protections	15kv
PHYSICAL	
Ship Weight (lbs)	0.94 lbs
Ship Weight (kg)	0.43 kg
Length	3.74 inches
Width	2.23 inches
Height	1.03 inches
Material	Steel
Color	Black
Mountable	Din-Rail | Surface Mount

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Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Maximum Data Rate	5 Gbps
Downstream Port Count	4
Downstream Port Type	1x Type C USB 3.2 G1 / 3.0 | 3x Type A USB 3.2 G1 / 3.0
Works as Standalone Charger	Y - Can be used without Host
Can be Bus Powered	Y - Supports Bus Power
Bus Power Isolation Supports Disabling Bus Power	Y

Power

Input Voltage	7 ~ 48V DC
Min Input Voltage	4.5V
Max Input Voltage (DO NOT EXCEED)	58V
Idle Power Draw	6.74 @ 12V
Max Power Draw	15W
Max Per Port Draw	1.5A (7.5W)
Supported Charge Protocols	Apple Charge 2.4A | CDP | DCP

ENVIRONMENTAL

Operating Temperature	0C ~ 55C
Storage Temperature	-20C ~ 70C
Operating Humidity	15 ~ 85% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required

WARRANTY

Warranty Period	1 Year

PRODUCT URL

CG-4PU31C1B1 Product Page	