



Technical Data Sheet

USB 3.1 Powered 4 Port Mini Hub with ESD & Surge Protection

Model Number: CG-U3MINI4PH



USB 3.1 powered hub with industrial-grade chassis and surface mounting flanges. The CG-U3MINI4PH is a 5V DC input, generation 1 USB 3.1 hub with ESD and Surge protection. This USB 3.1 Hub will support fast charging for Apple 1A/2.4A and Samsung Galaxy devices. Each port is protected individually to help keep your peripherals safe. The USB 3.1 Hub uses a GL 3510 chip; each port is on an individual circuit to maintain high current and protection. The GL3510 Hub controller chip features native fast-charging and complies with USB-IF battery charging specification rev1.2.

Features

- Compliant with USB 3.1 Gen 1 Specification.
- Upstream port supports Super-Speed (SS), High-Speed (HS) and Full-Speed (FS) traffic.
- Downstream ports support SS, HS, FS, and Low-Speed (LS) traffic.
- 1 control pipe and 1 interrupt pipe.
- Backward compatible to USB specification Revision 2.0/1.1.
- Compliant with USB Battery Charging Revision v1.2, supporting CDP, DCP, and ACA-Dock.
- Downstream ports can be turned from a Standard Downstream Port (SDP) into Charging Downstream Port (CDP) or Dedicated Charging Port (DCP).
- Downstream devices can be charged while upstream

Product Information

- **Model Number:** [CG-U3MINI4PH](#)
- **Packing List:**
 - USB 3.1 4-Port Mini Hub
 - 3Amp 5V DC Mini-Switching Power Adapter
 - 6ft. USB A to B Cable for Hub
- **Optional Accessories:** N/A

VBUS is not present.

- Upstream port is capable of charging and data communicating simultaneously.
- Supporting Apple 1A/2.1A/2.4A and Samsung Galaxy devices fast-charging.
- Compatible with Windows XP, 7, 8,10, and Mac OS X

Specifications

OVERVIEW

Product Type	USB 3.1 Hub
Max Data Speed	5Gb/sec
Electrical Protections	ESD / Surge / Over Current / Over Voltage
Hub Chip	GL3510
Charging	Can work as a charger
Mountable	Surface Mountable
Construction	Metal
Applications	Data Centers, Charging Application, Machine Equipment, Kiosk, Office, and others

CONNECTIONS

Type-A Downstream Ports	4
Type-B Upstream Ports	1
DC Input Power	5V DC 3A via barrel connector

POWER

DC Input Power	5V DC
Self power	Self power source (5V DC 3A power supply)
Power Connector	Large DC Barrel (5.5 mm OD, 2.5 mm ID)
Standby Current	57mA @ 5V / 35.6mA Bus Power
Max Current	2A per port with and without host
Max Wattage	15 Watts (Tested)

WEIGHT

Hub Weight	.32 lbs. (5.2 oz)
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ITEM DIMENSIONS

Length	2.86 inch (3.8 inch with ears)
Width	1.85 inch
Height	1.16 inch

OS SUPPORT

Windows	Windows XP, 7, 8, 10 / Mac OS X
Other	Linux and Mac OS 10.X
LED	
Downstream Ports	4 (LED's on the inside of the case)
WARRANTY	
Warranty Period	1 year from date of purchase
PRODUCT URL	
CG-U3MINI4PH Product Page	https://www.coolgear.com/product/usb-3-1-powered-4-port-mini-hub-esd-surge-protection

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