



Technical Data Sheet

USB Charging Hub – 10 Port Hi-Power 2.4A USB Charger Hub

Model Number: U2CHGRHUB10



The 10-Port Charging hub U2CHGRHUB10, is a solution for quick charging or sync up to 10 iPads, iPhones iPods and USB charging devices operating simultaneously; this is a perfect tool to effectively perform Sync/Charge Mode switching. Also is ideal for large capacity USB station in-house that enables charging and syncing at a time. Places such as school's classroom, businesses conference or meeting in organizations.

Features

- Compliant with USB Battery Charging Spec 1.2
- Provides up to 1.5A at Sync (CDP mode) or 2.4A at Charge (DCP mode).
- Supports the iOS, Android devices.
- Enables Sync/Charge mode switching upon manually connecting or disconnecting host port.
- Supports Over-Current Protection and $\pm 15\text{kV}$ (air), $\pm 8\text{kV}$ (contact) ESD protection on each port.
- Intelligently detects the power current of each port by the sensing meter with firmware, and enables the port's LED to illuminate its corresponding color.

Product Information

- **Model Number:** [U2CHGRHUB10](#)
- **Packing List:**
 - USB 2.0 hi-power charging hub
 - Power supply with power cord
 - USB 2.0 A/M to B/M cable
 - Mounting brackets with screws
 - User Manual
- **Optional Accessories:** N/A

Specifications

OVERVIEW

| | |
|------------------------|--|
| Product Type | USB 2.0 High Power Charger Hub |
| Electrical Protections | ESD / Over-current |
| Mountable | Surface or Rack Mounting (Brackets Included) |
| Construction | Metal |
| Applications | Airports, Schools, Conference Rooms, and others. |
| Speed | High Speed 480Mbps, Full Speed 12Mbps, Low Speed 1.5Mbps |

CONNECTIONS

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|-------------------------|--|
| Type-A Downstream Ports | 10 |
| Type-B Upstream Ports | 1 |
| Input Power | DC24V 6.25A (150W high capacity power adapter) |

Chip

| | |
|------------|----------------------|
| Chip Model | Terminus FE1.1S Chip |
|------------|----------------------|

AVAILABLE MODES

| | |
|--------|--------------------|
| Charge | DC5V 2.4A per port |
| Sync | DC5V 1.5A per port |

ENVIRONMENTAL

| | |
|-----------------------|-------------------------|
| Operating Temperature | 0 to 40°C (32 TO 131°F) |
|-----------------------|-------------------------|

DIMENSIONS

| | |
|--------|----------|
| Length | 10.60 in |
| Width | 4.11 in |
| Height | 1.66 in |

OS SUPPORT

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|---------|-----------------------------------|
| Windows | Windows 2000 / XP / Vista / 7 / 8 |
| Other | Linux, Mac OS 10.X |

LED

| | |
|----------------------------|------------|
| Charge Mode | Red x 10 |
| Sync Mode | Orange x10 |
| Fully Charged/Disconnected | Green x 10 |

WARRANTY

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

PRODUCT URL

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|-----------------------------|---|
| U2CHGRHUB10 Product Page | https://www.coolgear.com/product/usb-charging-hub-10-port-hi-power-usb-charger-hub |
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