

Quick Start Guide

UHR307

Seven Port, Isolated USB Hub



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Check for All Required Hardware

- USB Hub – Model UHR307
- This Quick Start Guide
- 10 to 30 VDC Power Supply
- Recommended Power Supplies:
 - PS12V30W-INT (12VDC Wall power supply, 30W with international blades)
 - PS5R-SC24 (24 V DIN Rail power supply).

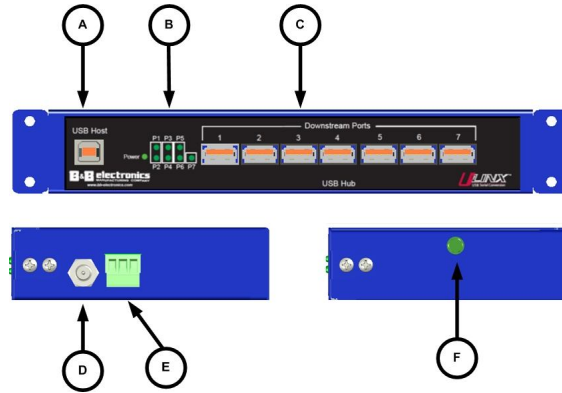
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Certifications

- FCC Class B
- CE
 - EN 55022: 2006 + A1:2007 Class B Emissions
 - EN 61000-6-2: 2006 Generic Standards for Industrial environments
 - EN 61000-4-2: 2008 (ESD)
 - EN 61000-4-3: 2006 (RFI)
 - EN 61000-4-4: 2004 (EFT)
 - EN 61000-4-5: 2008 Electrical Surges
 - EN 61000-4-6: 2005 Conducted Immunity
 - EN 61000-4-8: 2009 Magnetic Field Immunity
- IEC 60601-1-2:2007 Medical electrical equipment, Electromagnetic compatibility

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Information – Connectors



Connectors	
A	USB Host Port
B	LED Indicators – Green, Power & Port Connected Power ON = Power Connected Port ON = Port Active, Ready for Use Port OFF = Port Fault
C	USB Downstream Ports
D	Power Connector, Locking / threaded barrel 2.5 mm, center positive
E	Power Connector, Removable Terminal Block, 3 Position, 5.08 mm spacing, 28-12 AWG Solid Wire
F	Ground Connector

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Mounting



DIN Rail Mounting

1. To install locate the included DIN rail mount kit which includes the bracket and 3 installation screws.
- Note: The DIN rail mounting bracket can only be installed on the back side of the hub.**
2. Find the 3 mounting holes located on the back side of the hub and install the mounting bracket with the flat surface facing the back of the hub with the included mounting screws.
 3. The product is now ready to be mounted on a piece of DIN rail.

Panel Mounting

1. To install locate the included panel mount kit which includes two bracket pieces and 4 installation screws (2 screws per bracket).
- Note: The Panel Mount Brackets can be mounted to either side of the product and allows mounting Up, Down, Forward and Back.**
2. Using the 4 screws (2 per bracket) attach the brackets to the hub. The shorter side of the bracket in which the holes are close together is the side that will mount to the hub. The bracket when installed correctly will form an L shape with the side of the hub.
 3. Once the brackets are installed the product is ready to be mounted.

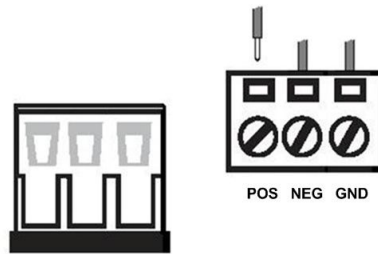
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Power



External Power Required

- 10 to 30VDC, 30 watts maximum, Class 2 Input
- Terminal Block or Locking Power Jack
- See section 1 and 3 for more information



One Conductor Per Terminal
Use Solid Copper Wire
Wire Size – 28 – 12 AWG
Torque = 5 kg-cm
Wire Temperature Rating, 105 °C minimum,
sized for 60 °C Ampacity

Note 1: When external power is used the hub will provide up to 500mA per downstream port.

Note 2: The terminal block input and the locking barrel jack are wired so that both can be powered at the same time. This is a great option to achieve power redundancy.

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Ground

1. It is recommended to ground the chassis.
2. Connect a grounding wire from the ground lug to a good source of Earth Ground.

