

Resource
Data Management

4 Port USB Hub

Commissioning/User Guide
Revision 1.1d



PR0624

Contents

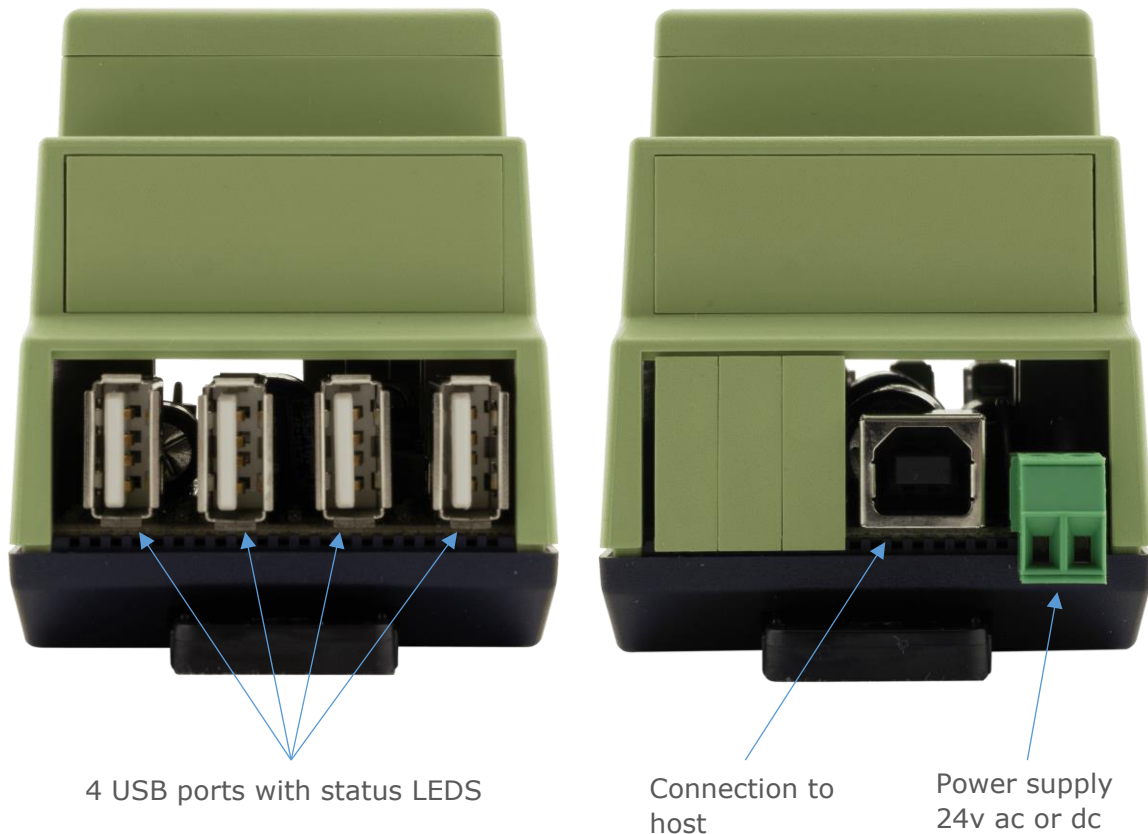
Connections	3
Status LEDs	3
USB Cable	3
Specification	4
Power requirements	4
General	4
Mounting Dimensions	4
Disclaimer	4



Please ensure all power is switched off before installing or maintaining this product.

Connections

The 4 Port USB Hub is used to expand the available USB ports on a host device to allow for additional USB connections. The 4 port USB hub connects to a number of RDM products such as the Intuitive Plant Controller or the Data Manager. The Hub requires a 24V ac or dc supply to operate. The "USB Device" port is connected to the Host device allowing additional USB devices to be connected to the Host device via the 4 USB ports. Each USB Port has a pair of status LEDs to indicate the current port condition.



Status LEDs

Each USB port has two associated status LED's and the following describes their operation.

Green LED	On =	Connection present.
	Off =	No connection
Yellow LED	On =	Indicates a fault condition e.g. over current condition on the port.
	Off =	Indicates normal operation.

USB Cable

A USB cable comes supplied with the Hub and the cable is 40cm in length. The USB cable has an A type USB connection at one end, which connects to the host device and a B type USB connection which connects to the USB 4 port "USB Device" port.



Important Notice

If the USB hub is being used with an Intuitive Plant Controller or miniDM it must not use the same power supply as the Intuitive Plant Controller or miniDM, doing so may cause damage to the either or both pieces of equipment.



Please ensure all power is switched off before installing or maintaining this product.

Specification

Power requirements

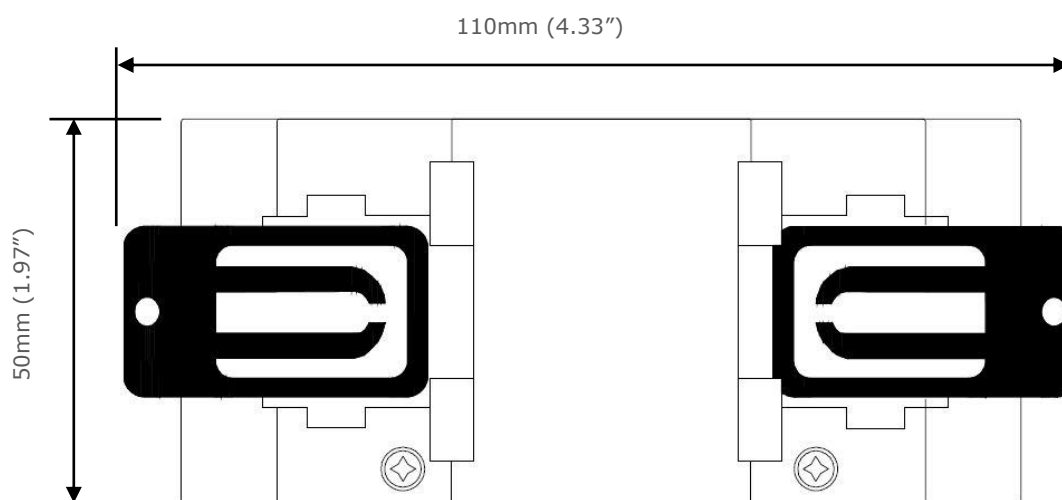
Supply Voltage Range:	24 Vac (+/- 10%) OR 24 Vdc (+/- 10%)
Supply Frequency:	50 - 60 Hz (+/- 10%) OR DC
Typical supply current:	<1 Amp

RDM advise the use of a suitable external over-current protection device.

General

Operating temperature range:	+5°C to +50°C
Operating Humidity:	80% maximum
Storage temperature range:	-20°C to +65°C
Environmental:	Indoor use at altitudes up to 2000m, Pollution Degree 1, Installation Category II. Voltage fluctuations not to exceed $\pm 10\%$ of nominal voltage
Weight:	120 Grams
Safety:	EN61010
EMC:	EN 55022/A1: 2007 EN 55024/A2: 2003
Ventilation:	There is no requirement for forced cooling ventilation
Enclosure Size:	110mm (L) x 50mm (W) x 70mm (H)

Mounting Dimensions



Disclaimer

The specifications of the product detailed in this document may change without notice. RDM Ltd shall not be liable for errors or omissions, for incidental or consequential damages, directly or indirectly, in connection with the furnishing, performance or misuse of this product or document.



Please ensure all power is switched off before installing or maintaining this product.

Group Offices

RDM Group Head Office

80 Johnstone Avenue
Hillington Industrial Estate
Glasgow
G52 4NZ
United Kingdom

+44 (0)141 810 2828
support@resourcedm.com

RDM Inc

100 North Sixth Street
Suite 630B
Minneapolis, MN
55403
United States

+1 612 354 3923
usasupport@resourcedm.com

RDM Asia

Sky Park at One City
Jalan USJ 25/1
47650 Subang Jaya
Selangor
Malaysia

+60 3 5115 0061
info@rdmasia.com.my



Visit www.resourcedm.com/support for more information on RDM solutions, additional product documentation and software downloads.

While every effort is made to ensure the information given within this document is accurate, Resource Data Management Ltd shall not be liable for errors or omissions, for incidental or consequential damages, directly or indirectly, in connection with the furnishing, performance or misuse of this product or document. All specifications are subject to change without notice.

See www.resourcedm.com for terms and conditions of sales.

Copyright © Resource Data Management