

Operations Manual



PDT-RCK-DIN-190-B

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2. Abbreviations

Abbreviation	Description
AP	Access Point
CCA	Copper Clad Aluminium
DC	Direct Current
EEE	Energy Efficient Ethernet
IEEE	Institute of Electrical and Electronic Engineers
IP	Internet Protocol
MTBF	Mean Time Between Failures
PD	Power Device
PoE	Power over Ethernet
PSU	Power Supply Unit

3. Safety Information

⚠ WARNING





Only trained and authorised personnel should be permitted to work on this equipment. It is assumed that those using this guide are competent to work on equipment of this nature and will take appropriate precautions when working with the fault analysis guide.

All devices should be inspected upon receipt for signs of physical damage, which may in turn, affect operational performance, or the overall safety of the unit. Any damaged items should be returned to Parallax Digital Technologies Ltd for safety checks.

Parallax Digital Technologies accepts no responsibility for any injury or loss caused by unsafe or inadequate working practices, or for work carried out by an unauthorised third party.

To prevent possible danger, damage, and bodily harm when handling the equipment, please observe all warnings, cautions notices contained in this section. Failure to heed the following danger, warnings, and cautionary statements could lead to serious injury or death.

4. Packing List

			
Rackmount DIN Rail Chassis	Rackmount Chassis Holder	Metal Brackets	M3x6 Machine Screws

The following items are included in the shipping carton:

- 1 x Rackmount DIN Rail Chassis
- 1 x Rackmount Chassis Holder
- 2 x Metal Brackets
- 2 x M3x6 Machine Screws
- Operation & Maintenance Manual (May be electronically supplied)
- Declaration of Conformity (May be electronically supplied)

5. Product Overview

The PDT-RCK-DIN-190-B and PDT-RCK-DIN-190-S are DIN Rail Adapter Brackets which allow standard DIN Rail mounted equipment to be installed securely in a 19" Rack Cabinet or Enclosure.

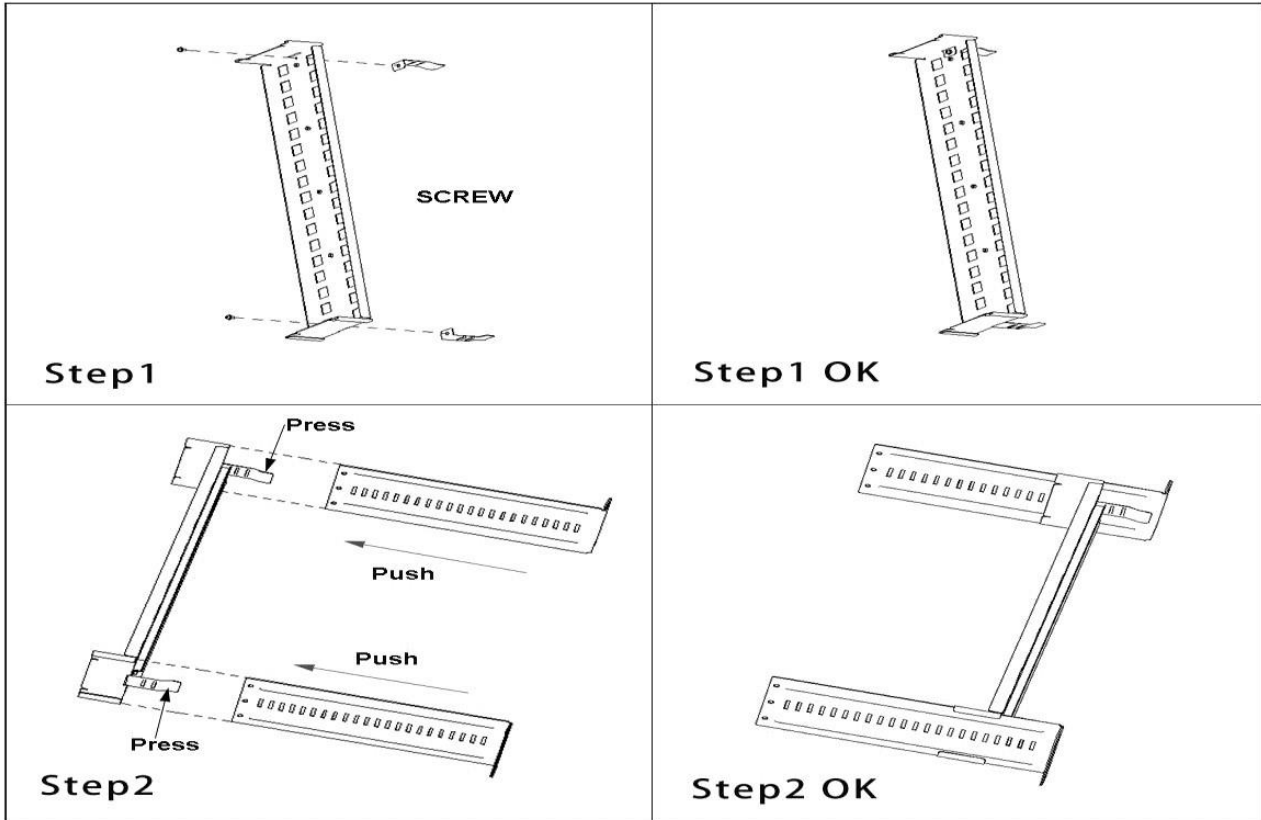
This allows for DIN Rail Power Supplies, Network Switches, Routers, Media Converters, and other types of equipment to be mounted in a central rack.

Adjustable fixings allow for variable mounting depths to be set, and the bracket can bear a load of up to 8kgs.

A typical application setup can be seen in the following diagram:

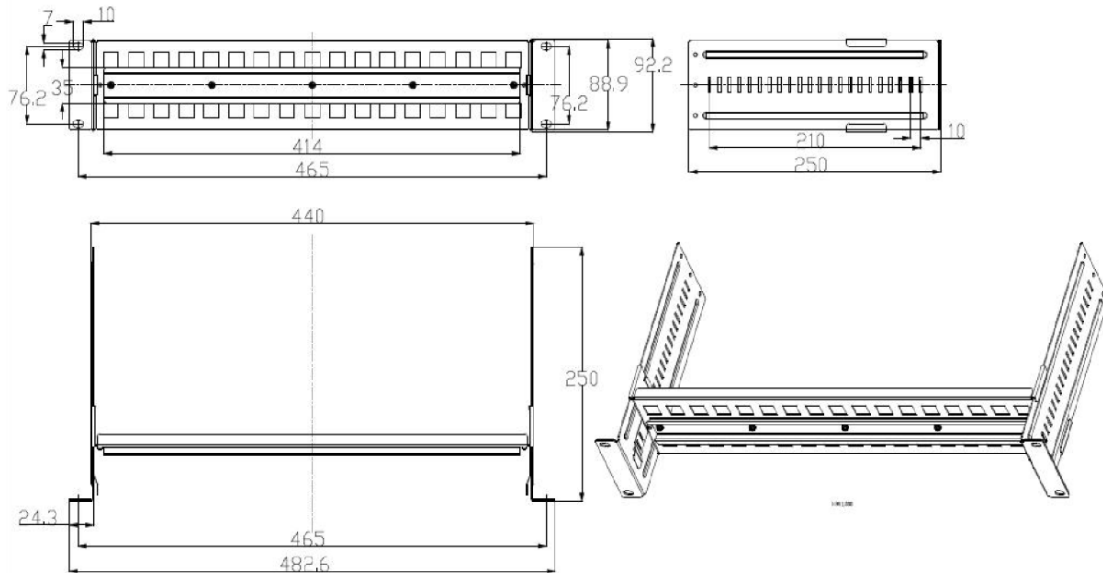


6. Installation Procedures



1. Using a screwdriver, fasten the Metal Brackets to the Rackmount DIN Rail Chassis, on the left and right side, using the M3x6 Machine Screws
2. Slide the Rackmount Chassis Holders into the guide rails on both sides of the Rackmount DIN Rail Chassis, and adjust the position of the Chassis Holders to suit your application
3. Push or pull the Rackmount Chassis Holders along the guide rails to adjust to the correct mounting depth for your equipment, making sure that the Chassis Holders and the DIN Rail Chassis are securely assembled
4. Slide the assembled bracket into a standard 19" rack housing, and secure it to the rack using a screwdriver and 4 x Cage Nut fixings (not supplied)

7. Physical Dimensions



8. Hardware Specification

Material	Aluminium
Max Load Capacity	8kgs
Fixing Depth	2.5 – 20.5cms

For all technical enquiries regarding this product, please contact our technical support team using the following email address:

support@parallaxdigital.co.uk