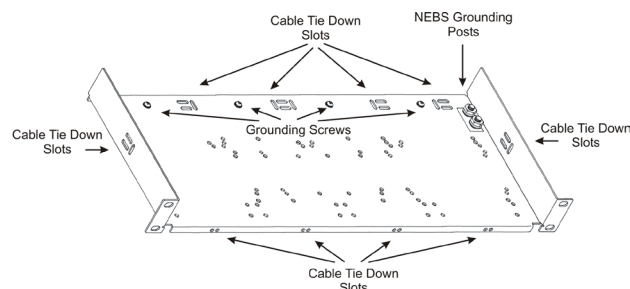


1U 19" Rack Mount Shelf User Manual

PRODUCT OVERVIEW

The 1U 19" rack mount shelf (model 8260-0) accommodates iConverter® standalone media converters, iConverter 1-Module chassis, iConverter 2-Module chassis, OmniConverter® media converters and switches, RuggedNet® switches, FlexSwitch™ 2X4GT and iConverter GM4 5-Port, GM4 PoE/HPoE and XM5 Network Interface Devices.



1U Rack Mount Shelf

INSTALLATION PROCEDURE

- 1) Unpacking, Visual Inspection and Inventory
- 2) Rack Mounting
- 3) General Installation
- 4) Installing iConverter, OmniConverter /SE and OmniConverter Extenders
- 5) Installing iConverter 2-Module Chassis
- 6) Installing iConverter GM4 5-Port and 1-Module Chassis and OmniConverter /S
- 7) Installing RuggedNet Switches and Extenders and OmniConverter Switches

1) Unpacking, Visual Inspection and Inventory

Review the contents. The following items should be included:

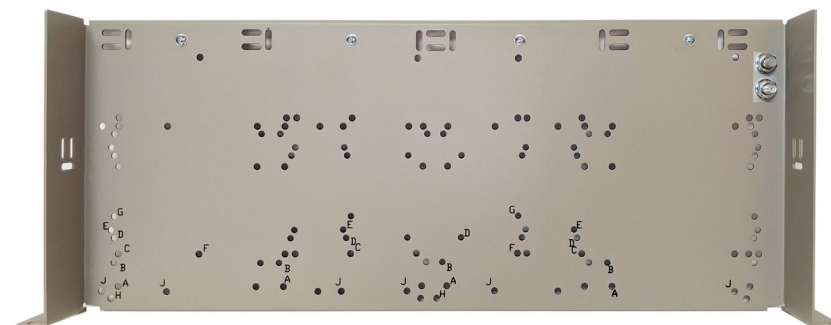
- 1U Rack Mount Shelf
- User Manual
- 20 Small Plastic Snap Rivets
(For mounting holes B, D, G & H)
- 20 Large Plastic Snap Rivets
(For mounting holes A, C, F & J)

2) Rack Mounting

Mount and attach the shelf to the 19" standard rack using the appropriate rack mounting screws (not included).

When rack-mounting the shelf, the rack should be appropriately earthgrounded before powering the attached modules. The shelf provides NEBS earth grounding posts to secure a grounding lug from the rack to the shelf.

The shelf has multiple mounting holes to accommodate the different module/chassis options. Use the Mounting Hole Guide to determine the correct mounting hole for the each unit installed on the shelf.



Shelf with Mounting Holes

Type	Mounting Holes								Rivet		Shelf Capacity
	A	B	C	D	F	G	H	J	Small	Large	
iConverter Standalone Wall Mount Module, OmniConverter xPoE/SE and xPoE+/SE, and OmniConverter PoE Extender	x									x	4
iConverter Standalone Tabletop Module w/Wall Mount Brackets (4381)		x							x		4
iConverter GM4 5-Port, OmniConverter /S, and OmniConverter 10G Multi-rate			x							x	3
iConverter GM4 PoE/HPoE					x					x	2
iConverter XM5 and XM5-1G							x		x		2
iConverter 1-Module Redundant Power Chassis w/Wall Mount Brackets (8249-0)						x			x		2
iConverter 1-Module and 2-Module Chassis w/Wall Mount Brackets (8249-0)				x					x		3
RuggedNet Switches and RuggedNet PoE Extender w/Wall Mount Bracket (8260-3), and OmniConverter Switches								x		x	2
FlexSwitch 2X4GT			x							x	2

Mounting Hole, Rivet Guide and Shelf Capacity

3) General Installation

Use the Mounting Hole Guide to determine the correct mounting holes for the module/chassis type. Align the module to the appropriate mounting holes starting at the bottom left corner of the shelf and moving left to right across the shelf. Use the appropriate plastic snap rivets to mount the module to the shelf by pressing the rivets through the top of the wall mount bracket until the rivet locks into place.

Remove any rubber feet before installing the module/chassis to the shelf.

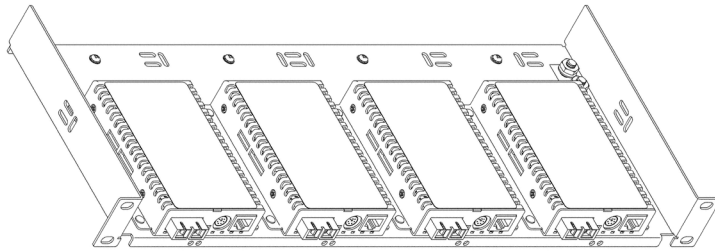
Embedded cable tie down slots secure the power cord(s) and data cable(s) to the shelf (cable ties not included).

Grounding screws are available to attach an earthground wire between the module and the shelf.

4) Installing iConverter, OmniConverter /SE and OmniConverter Extenders

Up to four iConverter wall mount or tabletop modules, and/or OmniConverter /SE, and/or OmniConverter PoE Extenders can be mounted on the shelf.

In order to mount the iConverter tabletop module to the shelf, the optional wall mount brackets (4381) must be installed on the module.

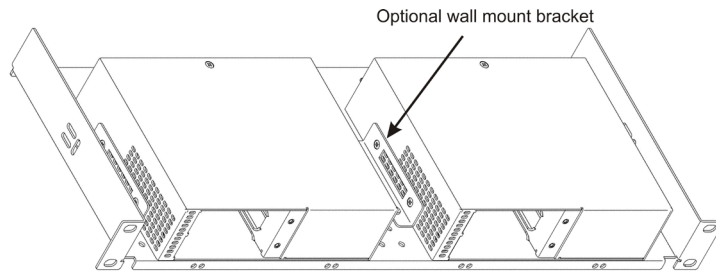


Shelf with iConverter Standalone Wall Mount Modules

5) Installing iConverter 2-Module Chassis

Up to two iConverter 2-Module chassis can be mounted on the shelf.

In order to mount the iConverter 2-Module Chassis to the shelf, the optional wall mount brackets (model 8249-0) must be installed on the chassis (not included).



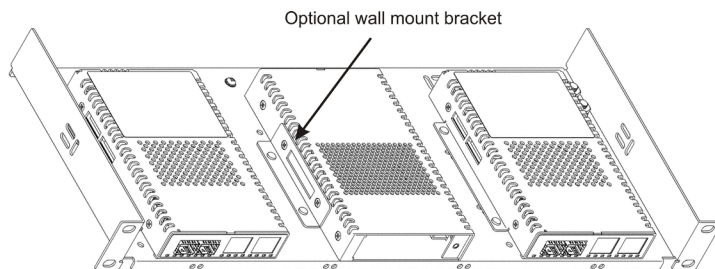
Shelf with iConverter 2-Module Chassis

NOTE: Mounting the 2-Module chassis to the shelf requires 2U rack spacing.

6) Installing iConverter GM4 5-Port and 1-Module Chassis and OmniConverter /S

Up to three OmniConverter /S or 10G Multi-rate or iConverter GM4 5-Port or 1-Module Chassis can be mounted on the shelf.

In order to mount the iConverter 1-Module Chassis to the shelf, the optional wall mount brackets (model 8249-0) must be installed on the chassis (not included).



Shelf with OmniConverter /S and iConverter 1-Module Chassis

7) Installing RuggedNet Switches and Extender, and OmniConverter Switches

Up to two RuggedNet switches or Extenders or OmniConverter Switches can be mounted on the shelf.



Shelf with OmniConverter Switches

In order to mount a RuggedNet switch to the shelf, the optional wall mounting plate (model 8260-3) must be installed on the switch (not included).

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For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

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Environmental Notices

The equipment covered by this manual must be disposed of or recycled in accordance with the Waste Electrical and Electronic Equipment Directive (WEEE Directive) of the European Community directive 2012/19/EU on waste electrical and electronic equipment (WEEE) which, together with the RoHS Directive 2015/863/EU, for electrical and electronic equipment sold in the EU after July 2019. Such disposal must follow national legislation for IT and Telecommunication equipment in accordance with the WEEE directive: (a) Do not dispose waste equipment with unsorted municipal and household waste. (b) Collect equipment waste separately. (c) Return equipment using collection method agreed with Omnitron.

The equipment is marked with the WEEE symbol shown to indicate that it must be collected separately from other types of waste. In case of small items the symbol may be printed only on the packaging or in the user manual. If you have questions regarding the correct disposal of equipment go to www.omnitron-systems.com/support or e-mail to Omnitron at intlinfo@omnitron-systems.com.

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