

Advantages of the NetShelter SX 24U Enclosure (AR3104)

Designed for satellite offices with limited space for IT equipment



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Introduction

The NetShelter SX 24U enclosure (AR3104) was designed to replace the NetShelter VX 25U enclosure. Like all the NetShelter SX enclosures the NetShelter SX 24U (AR3104) has many enhanced features from the previous generation of the NetShelter VX enclosure.

Doors

The front and rear doors of the NetShelter SX are easily removed from pin style hinges, but only when doors are in the open position. The front and rear handles are the same style as the previous generation NetShelter VX. The optional combo lock handle is still available for the NetShelter SX enclosure.

On the NetShetler SX 24U (AR3104) the lower left hand door is shortened to allow cable access from the floor. A cable management bracket is conveniently located to manage these cables.

Door Ventilation

The NetShelter SX has been designed with a larger open air perforation pattern than the NetShelter VX. The perforation pattern has increased from 64% to 69%, improving the ability of installed IT equipment to draw conditioned air into the enclosure. The perforation pattern meets or exceeds all OEM server requirements for third party racks.

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Roof

The roof of the NetShelter SX is also removable without tools from inside the enclosure.

The roof of the NetShelter SX 24U (AR3104) has a solid top to minimize potential hazards from items placed above with three cable access holes with grommets and covers. These holes are each 60mm in diameter.

Grounding

The entire NetShelter SX 24U (AR3104) ships from the factory with the roof, side panels, front and rear doors electrically bonded to the frame of the enclosure. The addition of a grounding kit is not required.

Bottom Rack Access

The bottom of the NetShelter SX 24U (AR3104) is completely open, allowing the maximum amount of access for routing either power or data cables from underneath the enclosure in a raised floor environment.

Vertical Mounting Rails

The adjustability of the vertical mounting rails has been significantly improved in the NetShelter SX. The vertical mounting rails can be adjusted in ¼ inch increments from a maximum depth of 31.5 inches to a minimum depth of 7.5 inches, covering virtually any mounting requirement for IT equipment.

For the NetShelter SX 24U (AR3104) just two (2) clamping brackets per vertical mounting rail must be adjusted to enable vertical rail movement. The “captive” vertical rail design prevents the rail from “falling down” during the adjustment process. Visual alignment aides allow for quick vertical alignment of the rails. U spaces are marked on both the front and back sides of the rails.

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Static Load Rating

The NetShelter SX 24U (AR3104) has a static load rating of 1500 lbs (681.8 kg). Unlike the previous generation NetShelter VX, the load rating of the NetShelter SX 24U (AR3104) does not change if the vertical mounting rails are moved or adjusted to different mounting depths.

Rack PDU Mounting

The NetShelter SX 24U (AR3104) allows for toolless mounting of APC rack PDUs in the Zero U space. The NetShelter SX 24U (AR3104) design also allows for adding additional sets of rear cable organizers for either additional rack PDU mounting or enhanced cable management.

Leveling Feet

To improve installation time on site, easy top access to lowering the leveling feet allows the use of a cordless drill or screwdriver.

Overall Enclosure Height

The NetShelter SX 24U (AR3104) is 1198 mm tall.

SKU Choices

New NetShelter SX Model

AR3104 (24U x 600 mm Wide)

AR3104SP1 (24U x 600 mm Wide)

Replaces NetShelter VX model

AR2105BLK (25U x600 mm Wide)

AR2105BLKCTO (25U x600 mm Wide)