



Advanced Industrial Computers

SR-FR28-BN Sliding Rail Installation Guide

Accessories list



Inner Rails
Outer Rails
6" Extension
4" Extension



Screws (L to R)

M5 (24 pcs) for mounting Outer Rail to posts
M4x8 (20 pcs) for mounting Inner Rail to Chassis
M4x6 (12 pcs) for extension bracket use



Nut-plate (Top to Bottom)

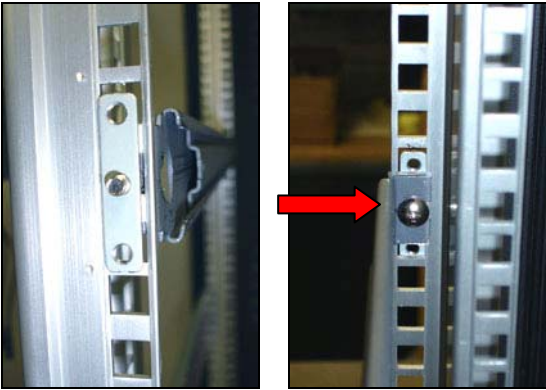
M4 nut-plate (4 pcs)
M5 nut-plate (4 pcs)



Star Nut (12 pcs) for mounting extension brackets

A Mount External Rail to Rack Posts

(A.1) Front Mounting Using Nut Plate



Fasten the Outer Rail with M5 screw onto the Front Rack Posts if post has non-threaded holes such as square hole. Position nut-plate **BEHIND** the post and fit screws through the hole on the post from the front. Do not fasten the screw all the way, so there is gap to slide in the slotted flange on the outer rail into position. Tighten the screws after flange is fully seated. Adjust the lateral position of outer rail to meet inner rail position as needed. If cabinet post has threaded M5 holes, please use M4 screws fitted through M5 holes and fasten with M4 nut-plates.

(A.2) Rear Mounting



Fasten the Extension Bracket to the rear Outer Rail using 4 pcs M4x6 screws + Star Nuts. Adjust the post position, so outer rail will not take up any space between the left and right posts. Extension brackets can also be mounted to reach forward for shorter cabinets.

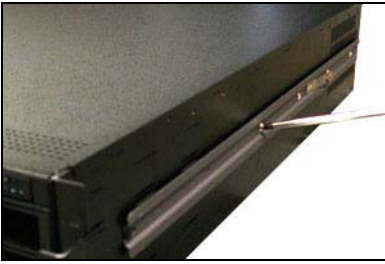


Mount the Extension brackets' slotted flange the same way as the outer rail front flange.



This is how the Outer Rail looks on the Rack Post.

B Assemble Inner Rail to Chassis



Fasten the Inner Rail to chassis using the M4x8 screws, and make sure the notch on the front of inner rail fits under the tab on the side of the chassis.

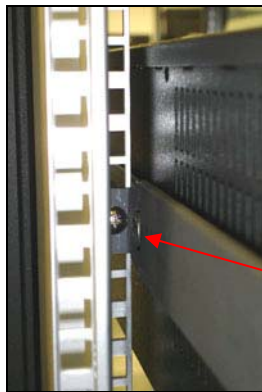
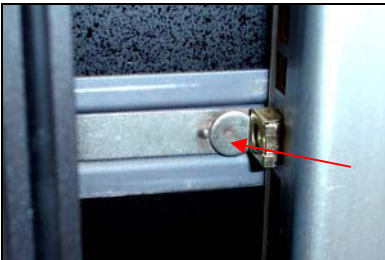


Install 4(four) pcs of M4x8 screws on side of chassis to secure the inner rail.

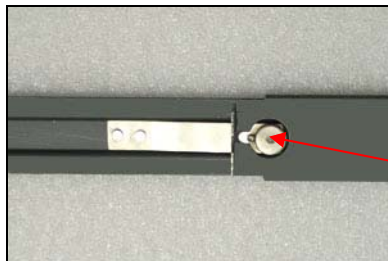
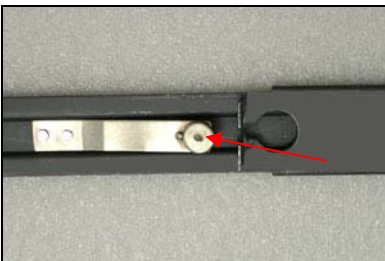
C Insert the Chassis into Cabinet



Make sure the Inner & Outer Rail match & align properly, before pushing the chassis in.



Push the release button on Inner Rail when it hits the outer rail, and again when it snaps into Outer Rail cut out, and then continue to push the chassis in (as shown in the pictures on the LEFT)



The two pictures on the LEFT show how the Inner Rail snaps into the Outer Rail and the location of the release button.

D Installation Complete



This is the how it looks like when the installation is complete.

Note:

This solid-bearing slide rail is supplied to provide easier mounting and dismounting of the system, and user is not encouraged to perform maintenance on a fully loaded system at full-extension position.

Different racks might have different post design, but should have similar mounting. Sometimes rear posts need to be adjusted to fit the length of the rails.