RC Designs

Reducer universal bracket for Rittal Cabinet

Prepared for NYCT • November, 2014

1. Purpose

Most routers and network switches are designed for a 19" 4-pole rack. The Rittal cabinet in which these switches will be mounted is a 23" 2-pole frame. This mounting bracket is designed to provide support and stability for the mounted equipment. It will be mounted with one 5/16 hex bolt from the front, and two 12-24 screws for the front plate. The bracket will be secured to the front of the frame. The support rail will provide mounting capabilities to the back of the switches.

With the adjustable back mount this bracket can be used for any routers or switches to provide superior support and easy mount/unmount capabilities.

The mounting of this bracket will not require cutting or tempering the Panduit cable management at the back of the frame.

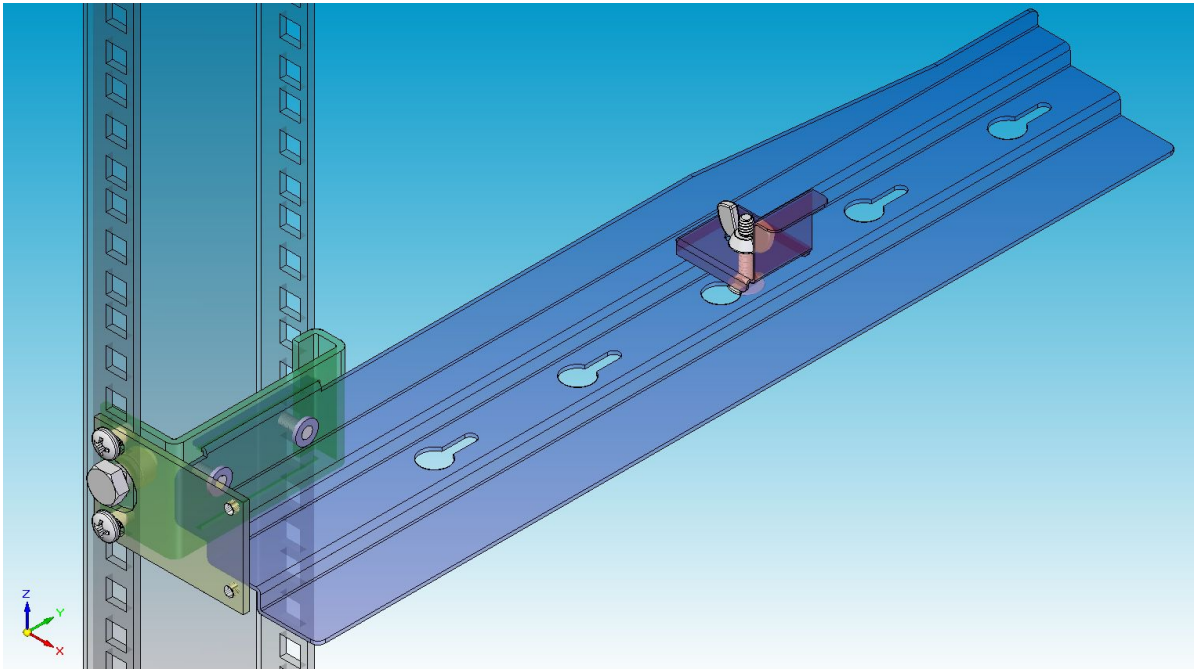| Device	Weight
switch, router	30 Lbs.

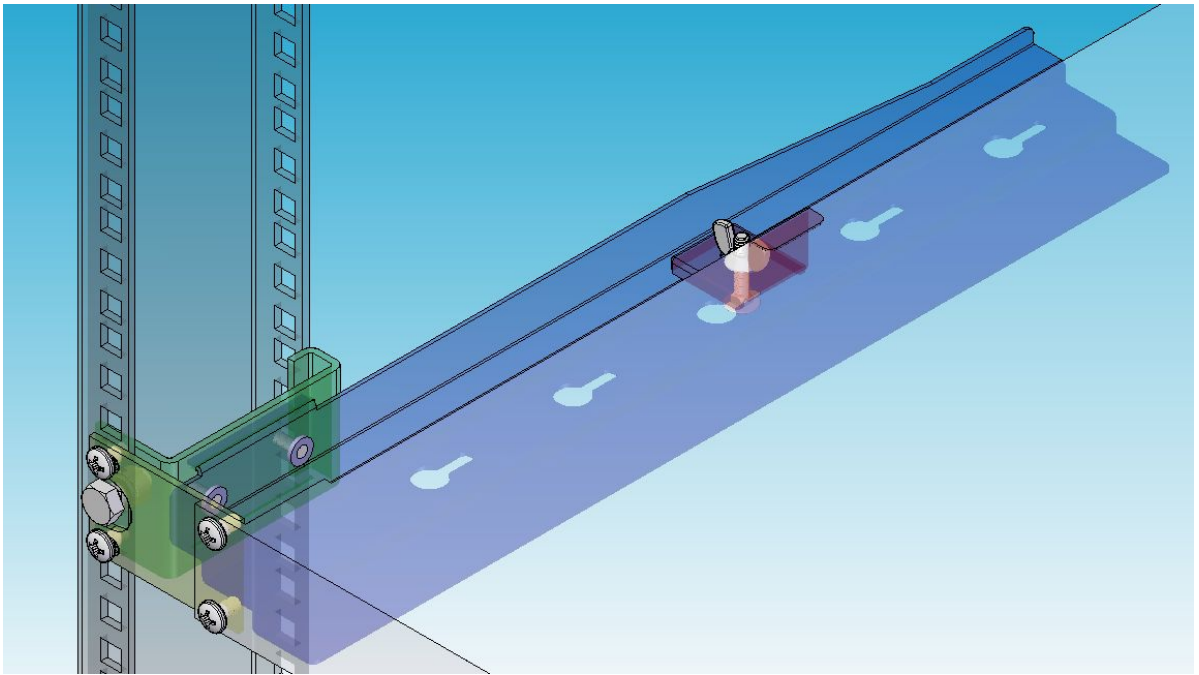## 2. Product

2.1. Material

Powder coated steel
The parts are different gauges steel 20, 18 and 12, to provide better support for the mounted device.

The bracket comes preassembled

The bracket with equipment on.

List of Parts:

1. Right and left mount
2. Front support mount
3. Back adjustable mount
4. Mounting screws

Stainless steel screws will be used to mount the bracket to the frame. Flat and lock stainless washers will be used to connect the elements together. The back adjustable mount will come with hand tight nut for easy removing.

Part number:

RCD-2319-RTL-UNV-01RU

Designed and manufactured in America

2.2. Installation

1. The bracket will be supplied pre-assembled.
2. Left and right side will be clearly marked.
3. Mount the left and right brackets to the respective sides of the frame.
4. Secure them with hex bolt at the front (5/16 thread).
5. Mount the front plate to the frame on the top and bottom holes (do not tighten).
6. Slide the switch into the guidance rail.
7. Secure the switch via the front mount ears.
8. Secure the switch to the back of the guidance rail.
9. Tighten all the screws.