Quick Start Guide

Rack-Mounting the Cisco uMG9820 QAM Gateway

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Warning Only trained and qualified personnel should be allowed to install, replace, or service this product. Statement 1030

1 Purpose

This quick start guide provides basic instructions for rack-mounting the Cisco uMG9820 QAM Gateway. For more detailed instructions, see the *Cisco uMG9820 QAM Gateway Installation and Configuration Guide.*

2 Overview

The Cisco uMG9820 can be installed in a standard 19-inch equipment rack by securing the front mounting brackets to the equipment rack. If the equipment rack has four posts and a 23- to 25-inch rack depth, use the rear rack-mount kit that shipped with your Cisco uMG9820 to secure the rear of the chassis to the rack posts.

3 Required Parts and Tools

The Cisco uMG9820 accessory kit includes the following parts:

- One left-rear rack extension (labeled Part #1) (optional)
- One right-rear rack extension (labeled Part #2) (optional)
- Two rear rack-mount brackets (labeled Part #3) (optional)
- Four 6–32 x 1/4-inch pan-head Phillips screws (for use with optional rear brackets)
- Four 6–32 x 1/4-inch flat-head Phillips screws (for use with optional rear brackets)
- Eight 10–32 x 5/8-inch oval-head Phillips screws (four for front brackets and four for optional rear brackets)
- Eight black-plastic cup washers (four for front brackets and four for optional rear brackets)

Only a number 2 Phillips screwdriver is required to install the chassis in the rack.

4 Installing with Front Brackets Only

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Note Use this procedure if rack-mounting the Cisco uMG9820 using only the front rack-mount brackets.

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Caution This procedure requires two people—one person to hold the chassis and the other to secure the chassis to the rack.

To install the chassis, use the 10–32 x 5/8-inch oval-head Phillips screws and black-plastic cup washers to attach the chassis to the front rack posts as shown in Figure 1.

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Caution To minimize stress on the chassis, insert the bottom screws first. For proper support and grounding, be sure to use all four screws.

Figure 1   Attaching the Front of the Chassis to the Equipment Rack
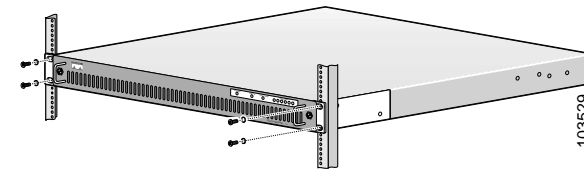
# 5 Installing Using Both Front and Rear Brackets

To install the chassis using both front and rear brackets, follow these steps:

Step 1 Using the 6–32 x 1/4-inch flat-head Phillips screws, attach the left- and right-rear rack extensions to the chassis. See Figure 2.
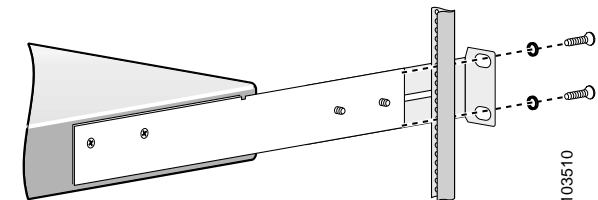
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Tip The chassis side-mounting holes on each extension are closer to the top of the bracket, with the large end of the countersunk holes on the outside.

Figure 2   Attaching the Rear Rack Extension–Right-Side View
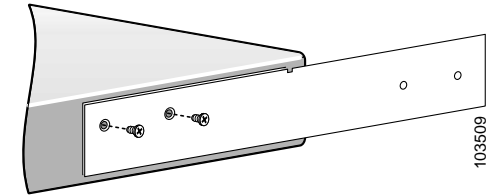
Step 2 Mount the chassis in the equipment rack using the front rack-mount brackets as shown in Figure 1.

Step 3 Using the 6–32 x 1/4-inch pan-head Phillips screws, attach the rear rack-mount brackets to the left- and right-rear rack extensions as shown in Figure 3.

Figure 3   Attaching the Rear Rack-Mount Bracket–Right-Side View

Tip Do not tighten the screws completely until you have adjusted the rear rack-mount brackets to fit.

Step 4 Using the 10–32 x 5/8-inch oval-head Phillips screws and the black-plastic cup washers, attach the rear rack-mount brackets as shown in Figure 4.

Figure 4 **Attaching the Rear Rack-Mount Bracket–Right-Side View**
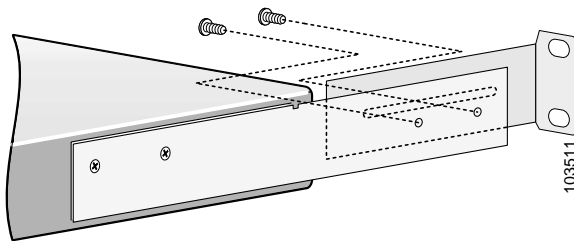
Step 5 When both rear rack-mount brackets are secured to the rear rack posts, tighten the screws holding the rear rack extensions to the rear rack-mount brackets.

Step 6 To cable and configure the Cisco uMG9820, follow the instructions in the *Cisco uMG9820 QAM Gateway Installation and Configuration Guide*.

6 Product Documentation

Your Cisco uMG9820 QAM Gateway shipped with a minimal set of printed documentation. The printed documentation provides enough information for you to install your product.

The following is a list of the documentation that shipped with your product. You can access the URLs listed for each document on Cisco.com on the World Wide Web.

- *Quick Start Guide—Rack-Mounting the Cisco uMG9820 QAM Gateway* (this document)

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/9820rkmt.htm

- *Cisco uMG9820 QAM Gateway Regulatory Compliance and Safety Information*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/9820rcsi.htm

7 Related Documentation

The following is a list of related documentation for your product. These documents were not shipped with your product, but you can access them by using the URLs listed below:

- *Cisco uMG9820 QAM Gateway Installation and Configuration Guide*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/9820icg/ index.htm

- *Release Notes for Cisco uMG9820 QAM Gateway Release 1.0*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/9820rn10.htm

- *Removing and Replacing a Processor Card in the Cisco uMG9820 QAM Gateway*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/20profru.htm

- *Removing and Replacing a QAM Card in the Cisco uMG9820 QAM Gateway*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/20qamfru.htm

- *Removing and Replacing a Fan Assembly in the Cisco uMG9820 QAM Gateway*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/20fanfru.htm

- *Removing and Replacing a Power Supply in the Cisco uMG9820 QAM Gateway*

  http://www.cisco.com/univercd/cc/td/doc/ product/cable/vod/umg9820/20pwrfru.htm