



Preface

This preface discusses the objectives, audience, and organization of the *Cisco RF Gateway 10 Hardware Installation Guide*. The following sections are in this preface:

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Document Revision History

The Document Revision History table below records technical changes to this document.

Document Version	Date	Change Summary
OL-16264-01	January 2009	This is the first version of this document.
OL-16264-02	April 2009	Updated with the new cable assembly information.
OL-16264-03	June 2012	Updated with information about: <ul style="list-style-type: none">• Cisco RF Gateway 10 UEQAM Downstream 384 Line Card (also called Cisco RFGW-10 DS-384)• Cisco RF Gateway 10 Supervisor Engine 7-E
OL-16264-04	September, 2012	Added information about Lineage AC-DC power shelf

Document Objectives

This publication describes Cisco RF Gateway 10 (RFGW-10) Universal Edge Quadrature Amplitude Modulation (UEQAM) installation, and replacement or upgrading of field-replaceable units (FRUs). The purpose of this guide is to enable a safe and efficient installation of the Cisco RFGW-10 UEQAM.

Audience

This publication is primarily designed for the person responsible for installing, and maintaining the Cisco RFGW-10 UEQAM. The users of this guide should:

- Be familiar with electronic circuitry and wiring practices.
- Have experience as electronic or electromechanical technicians.
- Have experience in installing high-end networking equipment. Certain procedures described in this guide require a certified electrician.

Document Organization

The major sections of this installation guide are:

Section	Description
Chapter 1, “Overview”	This chapter provides an overview of the Cisco RFGW-10 UEQAM.
Chapter 2, “Preparing Your Site for Installation”	This chapter provides site preparation guidelines for installing the Cisco RFGW-10 UEQAM.
Chapter 3, “Cisco RFGW-10 UEQAM Installation”	This chapter describes the installation procedures of the Cisco RFGW-10 UEQAM.
Chapter 4, “Thermal Management”	This chapter describes thermal management of the Cisco RFGW-10 UEQAM.
Chapter 5, “Installing and Removing FRUs”	This chapter describes the installation and removal procedures for the field-replaceable units (FRUs).
Chapter 6, “Cabling the Cisco RFGW-10 UEQAM”	This chapter describes the cabling information for the Cisco RFGW-10 UEQAM.
Chapter 7, “Cisco RFGW-10 UEQAM System Specifications”	This chapter lists the specifications of the Cisco RFGW-10 UEQAM.

Document Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands and keywords and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
[]	Elements in square brackets are optional.
{ x y z }	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
<code>courier font</code>	Terminal sessions and information the system displays appear in <code>courier font</code> .
< >	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note

Means *reader take note*.



Tip

Means *the following information will help you solve a problem*.



Caution

Means *reader be careful*. In this situation, you might perform an action that could result in equipment damage or loss of data.



Timesaver

Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Warning

Means *reader be warned*. In this situation, you might perform an action that could result in **bodily injury**.

Safety Warnings

Most safety warnings for the Cisco RF Gateway 10 are placed in relevant sections throughout the document. For translated safety warnings, see the [Regulatory Compliance and Safety Information for the Cisco RF Gateway 10](#).

Warning Definition



Warning

IMPORTANT SAFETY INSTRUCTIONS

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. To see translations of the warnings that appear in this publication, refer to the translated safety warnings that accompanied this device. Statement 1071

Note: SAVE THESE INSTRUCTIONS

Note: This documentation is to be used in conjunction with the specific product installation guide that shipped with the product. Please refer to the *Installation Guide*, *Configuration Guide*, or other enclosed additional documentation for further details.

Related Documentation

Your Cisco RF Gateway 10 (RFGW-10) Universal Edge Quadrature Amplitude Modulation (UEQAM) and the Cisco IOS software running on it contain extensive features and functionality, which are documented in the following resources:

- All documentation related to the Cisco RF Gateway 10 is listed in the online [Cisco RF Gateway 10 Documentation Roadmap](#).
- The [Cisco RF Gateway 10 Quick Start Guide](#) contains installation and configuration information. It contains quick reference information about chassis or parts installation.
- The [Regulatory Compliance and Safety Information for the Cisco RF Gateway 10](#) document provides international agency compliance, safety, and statutory information for the Cisco RF Gateway 10.
- Cisco IOS software documentation contains Cisco IOS software configuration information and support. See the modular configuration and modular command reference publications in the set that corresponds to the software release installed on your Cisco hardware.
- To check the minimum software requirements of Cisco IOS software with the hardware installed on your router, Cisco maintains the Software Advisor tool on Cisco.com. This tool does not verify whether modules within a system are compatible, but it does provide the minimum IOS requirements for individual hardware modules or components.



Note Access to this tool is limited to users with Cisco.com login accounts.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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