Cisco USC 3330 Quick Start Guide

Cisco Systems, Inc.
www.cisco.com

Text Part Number: 78-100476-01A0

Printed in the USA on recycled paper containing 10% postconsumer waste.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco website at www.cisco.com/go/offices.

© 2014 Cisco Systems, Inc. All rights reserved.

CONTENTS

Package Contents 1

Before You Begin 1

Connect Your Small Cell 2

Verify Your Small Cell Operation 4

Safety Instructions 6

Revised: September, 2014, 78-100476-01A0

Package Contents

Your Cisco Universal Small Cell (USC) 3330 is shipped with the following:

- Power supply unit
- Ethernet cable
- This Quick Start Guide

Before You Begin

Consider where you want to place your new small cell. Place it on a flat surface that is:

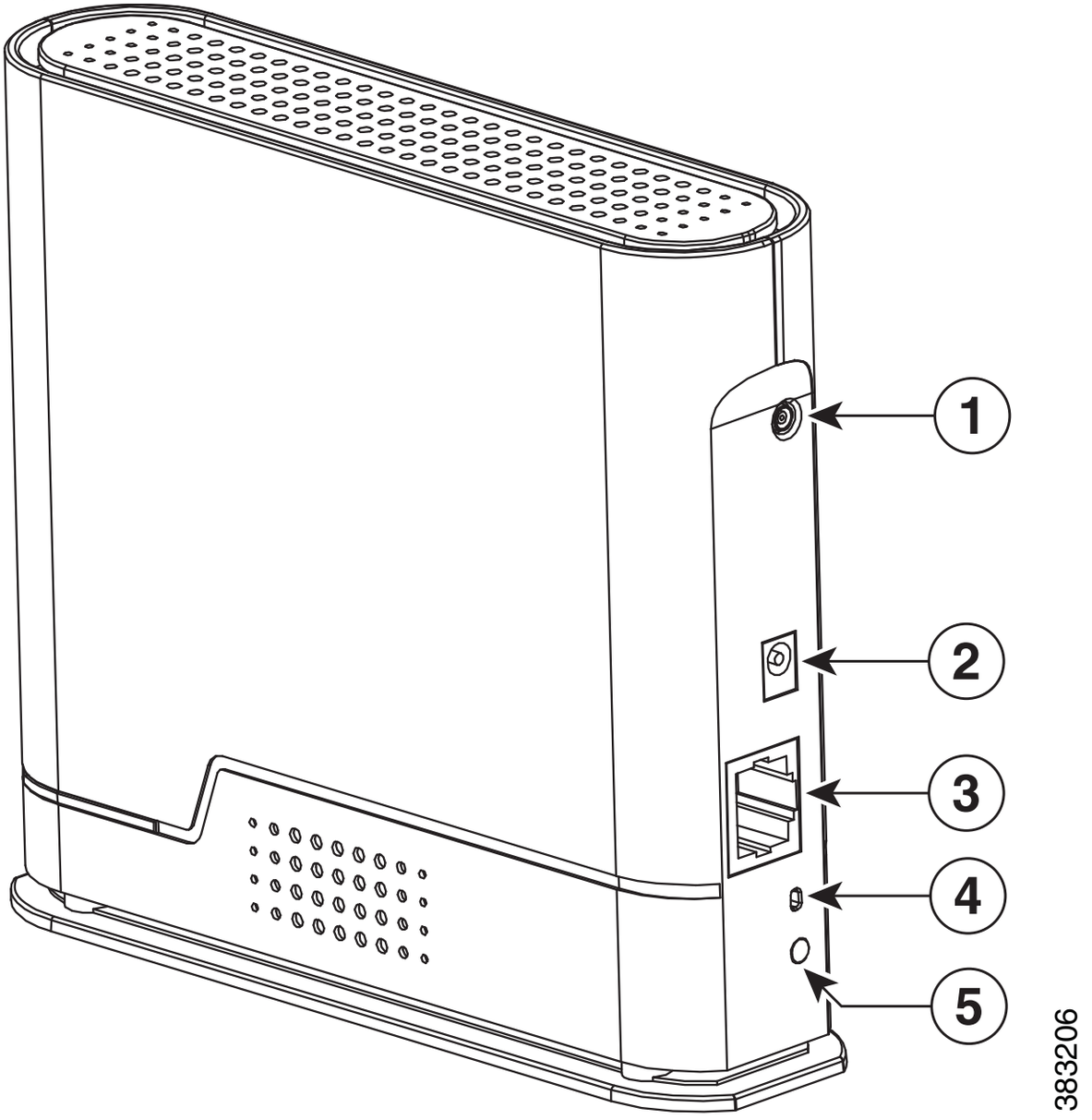
- Somewhere central, away from windows so your small cell provides the best possible coverage.
- At least 30 cm (1 foot) from other wireless broadcasting devices to avoid possible interference.
- Convenient to connect to your broadband router or cable modem.

Connect Your Small Cell

Follow these instructions to connect your USC 3330 for use:

Step 1	Connect one end of the network cable to the small cell Ethernet port and the other end to your broadband router or cable modem.
Step 2	Connect the optionally provided GPS antenna to the GPS port (MMCX connector). If used, locate the GPS antenna close to a window, because GPS signals can be easily blocked by the building infrastructure.
Step 3	Connect the power adapter to the power port and to an AC power source.
Step 4	Wait ten minutes for your small cell to be ready to use. The status LED stops flashing green and becomes solid green when your small cell is ready to use.

Figure 1 Cisco USC 3330 Connections



1	GPS antenna port (MMCX)	**4**	Reset button
2	5V DC power port	**5**	Status LED
3	10/100 Base-T Ethernet port		

Verify Your Small Cell Operation

The LED display is located on the side of your small cell. Note the color and activity of the LEDs and refer to this table to diagnose any problems:

Table 1 USC 3330 Status LED Indications

LED Indication	Small Cell State / Action
Off	No power—Ensure power supply is connected and turned on.
Fast Green	Initialization or provisioning—Wait for action to complete.
Green	In service, no calls or data sessions—Ready to support calls.
Slow Green	In service with active calls or data sessions.
Red blink 1 time in 4 seconds	No connection to local broadband router—Verify connection between broadband router and small cell, and verify that the broadband router is operational.
Red blink 2 times in 4 seconds	No Internet connection—Verify that the broadband router is connected to the Internet and is providing service.

Table 1 USC 3330 Status LED Indications (continued)

LED Indication	Small Cell State / Action
Red blink 3 times in 4 seconds	Interference with other systems—Try placing your small cell in a different place. If this problem persists, contact customer support.
Red blink 4 times in 4 seconds	Overheating—Verify that the small cell is located where there is proper air flow.
Red	Initial boot—Wait up to 20 minutes; if still red, perform a reset. Cannot create secure connection—Contact customer support. Internal fault—Contact customer support. RF issue, cannot select an RF profile—Verify whether another small cell is located in close proximity and if so, relocate unit. Provisioning failure—Contact customer support.

Safety Instructions

Translated versions of the following safety warnings are provided in *Cisco USC 3330 Regulatory Compliance and Safety Information*, located on Cisco.com.

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. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. Statement 1071

SAVE THESE INSTRUCTIONS

Warning

This product relies on the building's installation for short-circuit (overcurrent) protection. Ensure that the protective device is rated not greater than: 15A. Statement 1005

Warning

In order to comply with FCC radio frequency (RF) exposure limits, antennas should be located at a minimum of 7.9 inches (20 cm) or more from the body of all persons. Statement 332

Warning **Read the installation instructions before you connect the system to its power source.** Statement 1004

Warning **Installation of the equipment must comply with local and national electrical codes.** Statement 1074

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note Use only with listed ITE equipment.

If you require assistance installing or operating your small cell, contact customer support.

For warranty information, refer to:
http://www.cisco-servicefinder.com/WarrantyFinder.aspx