

Cisco Unified IP Phone Expansion Module 7914



Call coverage is a critical capability for administrative assistants and others who must monitor, manage, and cover the various status of calls. This requires the ability to instantly determine the status of a number of lines beyond the six-line capability of the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE.

The Cisco Unified IP Phone Expansion Module 7914 extends the capabilities of the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE with additional buttons and an LCD display. With this expansion module, you add 14 buttons to the existing six buttons of the Cisco Unified IP Phones 7960 and 7961G and the existing eight buttons of the Cisco Unified IP Phones 7970G and 7971G-GE, increasing the total number of buttons when you add one or two Cisco Unified Expansion Modules 7914. You can use up to two Cisco Unified IP Phone Expansion Modules 7914 with a Cisco Unified IP Phones 7960G, 7961G, 7970G or 7971G-GE (Cisco Unified IP Phone 7960G shown in Figure 1 with the Cisco Unified IP Phone Expansion Module 7914).

The large LCD display of the Cisco Unified IP Phone Expansion Module allows for quick and easy identification of associated buttons. Using the Settings menu of the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE, you can adjust the contrast of the individual LCDs for the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE and Cisco Unified IP Phone Expansion Module 7914 according to your preference. The 14 buttons on each Cisco Unified IP Phone Expansion Module 7914 can be programmed as a directory number (DN), line key, or speed-dial key, much like the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE. When used as a DN key, buttons are illuminated, allowing easy identification of call state.

Table 1. Illuminated Buttons

Button	Line Status
Off/dark	Line available
Green, steady	Line in use by you; you may also transfer the call
Red, steady	Line in use by someone else
Amber, flashing	Line ringing
Green, flashing	Call is on hold

These capabilities provide features that are similar to typical Direct Station Selection/Busy Lamp Field (DSS/BLF) modules but are not intended to be directly equal to legacy DSS/BLF modules. The Cisco Unified IP Phone Expansion Module 7914 is not an operator or attendant console. The primary function of the Cisco Unified IP Phone Expansion Module 7914 is to provide the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE with additional keys for speed-dial or directory numbers. The illuminated buttons provide ease of line status making the Cisco Unified IP Phone Expansion Module 7914 an ideal call coverage tool.

Figure 1. Cisco Unified IP Phone 7960 with Two Cisco Unified IP Phone Expansion Modules 7914



Typical Scenario: You receive a call for your director at extension 12345. You look at your Cisco Unified IP Phone Expansion Module 7914 and see that your director has a call in progress with another party and another call on hold. Looking at the Cisco Unified IP Phone Expansion Module 7914 LCD, you note that another manager in your group has just completed a call and might be able to assist the incoming caller. You consult briefly with the incoming caller and then transfer the call to the available manager.

Features and Benefits

Line Key: Using the Cisco CallManager Administration tool, the system administrator assigns one or more DN to buttons on the Cisco Unified IP Phone Expansion Module 7914 as desired. The line key will show the appropriate designation.

Speed Dial: Each button not used as a line (DN) key can be programmed as a speed-dial key in the same manner as the Cisco Unified IP Phones 7960G, 7961G, 7970G and 7971G-GE. You can use the Cisco Unified IP Phone User Options Web page to program a speed-dial number and label the associated button with an appropriate name.

System Requirements

Cisco CallManager Version 3.1(2c) or later

Hardware Requirements

- Cisco Unified IP Phones 7960G (CP-7960G), 7961G (CP-7961G) , 7970G (CP-7970G) and 7971G-GE (CP-7971G-GE)
 - Cisco Unified IP Phone Expansion Module 7914 (CP-7914=) (maximum of two modules) (Connecting cable supplied with each Cisco Unified IP Phone Expansion Module 7914)
 - New footstand is required, single (CP-SINGLFOOTSTAND=) (Figure 2) or double (CP-DOUBLFOOTSTAND=) (Figure 3) as appropriate
 - Power cube (CP-PWR-CUBE-3=) and cord (CP-PWR-CORD-xx=) to supply local power
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Figure 2. Required Items for Single Cisco Unified IP Phone Expansion Module 7914 Installation



Figure 3. Required Items for a Double Cisco Unified IP Phone Expansion Modules 7914 Installation



Table 2. Power Requirements

Number of Cisco Unified IP Phone Expansion Modules 7914	Cisco 7960 Power Source	Items to Order
1	In-line	One, Cisco Unified IP Phone Expansion Module 7914 One, single footstand One, power cube One, country cord
1	Local power (cube)*	One, Cisco Unified IP Phone Expansion Module 7914

		One, single footstand
2	In-line or local**	Two, Cisco Unified IP Phone Expansion Module 7914 ExpansionModule One, double footstand One, power cube One, country cord

* A single Cisco Unified IP Phone Expansion Module 7914 can receive power from a locally-powered Cisco Unified IP Phone.

** Local power must be connected to the first Cisco Unified IP Phone Expansion Module 7914. This supplies power to both Cisco Unified IP Phone Expansion Modules 7914s.

Footstand

Replacement of the standard Cisco Unified IP Phone footstand is required. The standard footstand is replaced with a two-piece footstand specifically designed to support the Cisco Unified IP Phone Expansion Module 7914. Two footstands are available: a single footstand where one Cisco Unified IP Phone Expansion Module 7914 is used and a double footstand where two Cisco Unified IP Phone Expansion Modules 7914 are used on a single Cisco Unified IP Phones 7960G, 7961G, 7970G or 7971G-GE.

The only tool required for installation of the Cisco Unified IP Phone Expansion Module 7914 is a flat blade screwdriver or other appropriate tool to unlatch the pins securing the footstand to the Cisco Unified IP Phones 7960G, 7961G, 7970G or 7971G-GE.

Table 3. Technical Specifications

Dimensions:	8.0 in. x 4.75 in. x 2.0 in. (203 mm x 121 mm x 51 mm) (HxWxD)
Weight:	0.82 lb (366 g)
Power:	48 VDC, 40mA max
LCD Operating Temperature:	32 to 104 deg F (0 to 40 deg C)
Relative Humidity:	10% to 95% (noncondensing)
Storage Temperature:	12 to 140 deg F (-10 to 60 deg C)

Table 4. Ordering Information

CP-7914=	Cisco Unified IP Phone Expansion Module 7914
CP-SINGLFOOTSTAND=	Single module footstand
CP-DOUBLFOOTSTAND=	Double module footstand
CP-PWR-CUBE-2=	Cisco Unified IP Phone Power Cube
CP-PWR-CORD-xx=	Cisco Unified IP Phone Power Cube Country Cord

Always order at least one footstand with a Cisco Unified IP Phone Expansion Module 7914.

For example:

1 CP-7914=

1 CP-SINGLFOOTSTAND=

Another example, if you are adding two Cisco Unified IP Phone Expansion Modules 7914 to a Cisco Unified IP Phone 7960 (North America) order:

2 CP-7914=

1 CP-DOUBLFOOTSTAND=

1 CP-PWR-CUBE-2=

1 CP-PWR-CUBE-NA=



WARRANTY

Cisco Unified IP phones are covered by a Cisco Systems® standard one-year replacement warranty.

CISCO UNIFIED IP COMMUNICATIONS SERVICES AND SUPPORT

Cisco Unified IP Communications services and support reduces the cost, time, and complexity associated with implementing a converged network. Cisco and its partners have designed and deployed some of today's largest and most complex IP Communications networks, meaning that they understand how to integrate an IP Communications solution into your network.

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Through these services, your organization benefits from the experience gained by Cisco and its partners. Taking advantage of this valuable experience, you can create and maintain a resilient, converged network that will meet your business needs today-and in the future.