



## Cisco MP 8851/61 IP Phone Key Expansion Module

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Cisco IP Phone 8851/61 Key Expansion Module

### Product Overview

Call coverage is critical for administrative assistants and others who must monitor and manage the status of calls. It requires the ability to instantly determine the status of numerous lines beyond those of the Cisco Multiplatform (MP) 8851 and 8861 IP Phone models.

The Cisco IP Phone 8851/61 Key Expansion Module (KEM) extends the capabilities of Cisco MP 8851 and 8861 IP Phone models with additional buttons and a color LCD display. This key expansion module adds 14 physical keys with access to 14 additional keys, using the page keys, for 28 additional keys. You can connect up to three 8851/61 Key Expansion Modules to the 8861 IP Phone and up to two 8851/61 KEMs to the 8851 IP Phone.

The 8851/61 Key Expansion Module comes with a foot stand and all necessary hardware to connect it directly to the base device in the traditional side-by-side fashion.

### Features and Benefits

The large LCD displays of the Cisco IP Phone 8851/61 Key Expansion Module allows for quick and easy identification of associated buttons. Using the settings menu of the 8851 and 8861 IP Phone models, you can adjust the brightness of the individual KEM LCD according to your preference.

The primary function of the 8851/61 Key Expansion Module is to provide additional keys for directory numbers, speed dial, or programmable feature keys to the 8851 and 8861 IP Phone models. These keys are illuminated, and when configured as

directory numbers or shared-line keys they allow for easy identification of line status. The 8851/61 Key Expansion Module is an ideal call-coverage tool. It provides features that are similar, but not intended to be directly comparable to those of traditional Direct Station Selection/Busy Lamp Field (DSS/BLF) modules; therefore, it is neither an operator nor an attendant console.

The two illuminated page buttons below the Cisco IP Phone 8851/61 Key Expansion Module display allow you to shift between the first and second page of 14 buttons, providing access to all 28 keys.

This table provides more detail on the features and benefits.

Feature	Benefits
<b>Illuminated Buttons</b>	
<b>Off (dark)</b>	Line available
<b>Green, steady</b>	Line in use
<b>Red, steady</b>	Line in use by shared line
<b>Amber, flashing</b>	Line ringing
<b>Illuminated Page Buttons</b>	
<b>Off (dark)</b>	Page not in focus
<b>Green, steady</b>	Page in focus
<b>Amber, flashing</b>	Page not in focus, with one or more alerting or on-hold calls present on page
<b>Hardware and Power-Saving Features</b>	
<b>Graphical display</b>	The 3.5-inch graphical (TFT) color displays provides 16-bit color depth and 480 x 272 effective pixel resolution, with backlight. The display also supports localization requiring double-byte Unicode encoding for fonts.
<b>Articulation</b>	You can articulate the display to match the same angle as the Cisco MP IP Phone 8851 and 8861 that it is connected to.
<b>Directory-number and feature buttons</b>	The module has 14 physical buttons (28 using page keys).
<b>Page buttons</b>	Use the two page buttons to access each page of 14 buttons and provide phone status.
<b>Sleep or inactivity mode</b>	When Cisco MP 8851 and 8861 IP Phone models are in power-saving sleep or inactivity mode, the Cisco IP Phone 8851/61 KEM is also in sleep or inactivity mode. Pressing any button on the key expansion module causes the display to awaken.

## Product Specifications

This table describes the hardware product specifications of the Cisco IP Phone 8851/61 Key Expansion Module.

Feature	Specifications
<b>Physical dimensions (H x W x D)</b>	9.015 x 4.45 x 1.58 in. (L X W X D) (229 x 113 x 40 mm)
<b>Weight</b>	1lb (448g)
<b>Power</b>	48 VDC, 117 mA maximum
<b>Operating temperature</b>	32 to 104°F (0 to 40°C)
<b>Relative humidity</b>	10 to 95%
<b>Storage temperature</b>	12 to 140°F (-10 to 60°C)
<b>Approvals and compliance</b>	<a href="https://www.cisco.com/en/US/docs/voice_ip_comm/cuipph/all_models/regulatory_compliance/english/install/guide/iphrcsi3.html">https://www.cisco.com/en/US/docs/voice_ip_comm/cuipph/all_models/regulatory_compliance/english/install/guide/iphrcsi3.html</a>

## Power Requirements

The Cisco IP Phone 8851/61 Key Expansion Module does not have its own local power supply; it gets power from the attached phones.

## For More Information

For more information about the Cisco IP Phone 8851/61 Key Expansion Module, please visit <https://www.cisco.com/go/ipphones/8800>, or contact your local Masergy account representative.