



# Cisco Unified IP Phones Portable Product Sheet

## CISCO UNIFIED IP PHONE MODEL COMPARISONS

**Table 1.** Cisco Unified IP Phone Advanced Media Endpoints

	Cisco Unified IP Phone 7942G	Cisco Unified IP Phone 7945G	Cisco Unified IP Phone 7962G	Cisco Unified IP Phone 7965G	Cisco Unified IP Phone 7975G
<b>Display</b>	Monochrome (320 x 222 pixels, 4-bit grayscale depth)	Color, Backlit (320 x 240 pixels, 16-bit color depth)	Monochrome (320 x 222 pixels, 4-bit grayscale depth)	Color, Backlit (320 x 240 pixels, 16-bit color depth)	Color Touch-screen, Backlit (320 x 240 pixels, 16-bit color depth)
<b>Programmable (Soft) Keys</b>	Yes – 4	Yes – 4	Yes – 4	Yes – 4	Yes – 5
<b>Number of Line Keys</b>	2 – Lighted	2 – Lighted	6 – Lighted	6 – Lighted	8 – Lighted
<b>Protocol Support</b>	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*
<b>Codec Support</b>	G.711a, G.711μ, G.729a, G.729ab, G.722, iLBC	G.711a, G.711μ, G.729a, G.729ab, G.722, iLBC	G.711a, G.711μ, G.729a, G.729ab, G.722, iLBC	G.711a, G.711μ, G.729a, G.729ab, G.722, iLBC	G.711a, G.711μ, G.729a, G.729ab, G.722, iLBC
<b>Speaker Phone</b>	Yes, Wideband Support	Yes, Wideband Support	Yes, Wideband Support	Yes, Wideband Support	Yes, Wideband Support
<b>Headset Jack</b>	Yes, Wideband Support	Yes, Wideband Support	Yes, Wideband Support	Yes – Wideband Support	Yes – Wideband Support
<b>Ethernet Switch</b>	Yes (10/100)	Yes (10/100/1000)	Yes (10/100)	Yes (10/100/1000)	Yes (10/100/1000)
<b>Cisco Inline Power</b>	Yes	No	Yes	No	No
<b>802.3af PoE</b>	Yes (Class 2)	Yes (Class 3)	Yes (Class 2)	Yes (Class 3)	Yes (Class 3)
<b>Power Draw</b>	6.3W	12.9W	6.3W	12.9W	12.9W
<b>3<sup>rd</sup> Party XML</b>	Yes	Yes	Yes	Yes	Yes
<b>Cisco Unified IP Phone Expansion Module 7914</b>	No	No	Yes	Yes	Yes
<b>Unified CallManager 5.0 Device License Units</b>	4	4	4	4	5

\* Enhanced SIP provides user interface and feature consistency across SCCP and SIP on these phone models when used with Cisco Unified Communications Manager. These SIP loads are only supported with Cisco Unified Communications Manager.

**Table 2.** Cisco Unified Enhanced Phones

	Cisco Unified IP Phone 7906G	Cisco Unified IP Phone 7911G	Cisco Unified IP Phone 7941G	Cisco Unified IP Phone 7961G	Cisco Unified IP Phone 7970G
<b>Display</b>	Monochrome (192 x 64 pixels)	Monochrome (192 x 64 pixels)	Monochrome (320 x 222 pixels, 4-bit grayscale depth)	Monochrome (320 x 222 pixels, 4-bit grayscale depth)	Color touch screen (320 x 234 pixels, 12-bit color depth)
<b>Programmable (Soft) Keys</b>	Yes – 4	Yes – 4	Yes – 4	Yes – 4	Yes – 5
<b>Number of Line Keys</b>	1	1	2 lighted keys	6 – Lighted	8 – Lighted
<b>Protocol Support</b>	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*	SCCP, Enhanced SIP*
<b>Codec Support</b>	G.711a, G.711 $\mu$ , G.729a, G.729ab, iLBC	G.711a, G.711 $\mu$ , G.729a, G.729ab, iLBC	G.711a, G.711 $\mu$ , G.729a, and G.729ab	G.711a, G.711 $\mu$ , G.729a, and G.729ab	G.711a, G.711 $\mu$ , G.729a, and G.729ab
<b>Speaker Phone</b>	Monitor Only	Monitor Only	Yes	Yes	Yes
<b>Headset Jack</b>	No	No	Yes	Yes	Yes
<b>Ethernet Switch</b>	No	Yes (10/100)	Yes (10/100)	Yes (10/100)	Yes (10/100)
<b>Cisco Inline Power</b>	Yes	Yes	Yes	Yes	Yes*
<b>802.3af PoE</b>	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 3)
<b>Power Draw</b>	5W	5W	6.3W	6.3W	10.25W
<b>3<sup>rd</sup> Party XML</b>	Text and Audio Only	Text and Audio Only	Yes	Yes	Yes
<b>Cisco Unified IP Phone Expansion Module 7914</b>	No	No	No	Yes	Yes
<b>Unified CallManager 5.0 Device License Units</b>	2	3	4	4	5

\* For the Cisco Unified IP Phone 7970G to have full display brightness, 802.3af standard power over Ethernet or the external power adapter is required. The Cisco Unified IP Phone 7970G can receive power from Cisco pre-standard in-line power-capable blades and boxes; however, the display screen is "half bright" and therefore is not the recommended mode of operation.

\* Enhanced SIP provides user interface and feature consistency across SCCP and SIP on these phone models when used with Cisco Unified Communications Manager. These SIP loads are only supported with Cisco Unified Communications Manager.

**Table 3.** Cisco Unified Gigabit Ethernet Enhanced IP Phones

	Cisco Unified IP Phone 7941G-GE	Cisco Unified IP Phone 7961G-GE	Cisco Unified IP Phone 7971G-GE
<b>Display</b>	Monochrome (320 x 222 pixels, 4-bit grayscale depth)	Monochrome (320 x 222 pixels, 4-bit grayscale depth)	Color touch screen (320 x 234 pixels, 12-bit color depth)
<b>Programmable (Soft) Keys</b>	Yes – 4	Yes – 4	Yes – 5
<b>Number of Line Keys</b>	2 – Lighted	6 – Lighted	8 – Lighted
<b>Protocol Support</b>	SCCP, Enhanced SIP <sup>†</sup>	SCCP, Enhanced SIP <sup>†</sup>	SCCP, Enhanced SIP <sup>†</sup>
<b>Codec Support</b>	G.711a, G.711 $\mu$ , G.729a, and G.729ab	G.711a, G.711 $\mu$ , G.729a, and G.729ab	G.711a, G.711 $\mu$ , G.729a, and G.729ab
<b>Speaker Phone</b>	Yes	Yes	Yes
<b>Headset Jack</b>	Yes	Yes	Yes
<b>Ethernet Switch</b>	Yes (10/100/1000)	Yes (10/100/1000)	Yes (10/100/1000)
<b>Cisco Inline Power</b>	No	No	No
<b>802.3af PoE</b>	Yes (Class 3)	Yes (Class 3)	Yes (Class 3)
<b>Power Draw</b>	12.9W	12.9W	15.4W
<b>3<sup>rd</sup> Party XML</b>	Yes	Yes	Yes
<b>Cisco Unified IP Phone Expansion Module 7914</b>	No	Yes	Yes
<b>Unified CallManager 5.0 Device License Units</b>	4	4	5

<sup>†</sup> Enhanced SIP provides user interface and feature consistency across SCCP and SIP on these phone models when used with Cisco Unified Communications Manager. These SIP loads are only supported with Cisco Unified Communications Manager.

**Table 1.** Classic Cisco Unified IP Phones

	Cisco Unified Wireless IP Phone 7921G	Cisco Unified IP Conference Station 7936	Cisco Unified IP Phone 7940G	Cisco Unified IP Phone 7960G
<b>Display</b>	2 in. (5 cm) color display with 176 x 220 pixel resolution	Pixel-based (backlit)	Pixel-based (grey scale)	Pixel-based (grey scale)
<b>Programmable (Soft) Keys</b>	Yes – 2	Yes - 3	Yes - 4	Yes - 4
<b>Number of Line Keys</b>	2 soft keys and 1 application key	1	2	6
<b>Protocol Support</b>	SCCP	SCCP	SCCP, SIP, MGCP*	SCCP, SIP, MGCP*
<b>Codec support</b>	G.711a, G.711u, G.729a, and G.729ab	G.711a, G.711 $\mu$ , and G.729a	G.711a, G.711 $\mu$ , G.729a, and G.729ab	G.711a, G.711 $\mu$ , G.729a, and G.729ab
<b>Speaker phone</b>	Yes	Yes	Yes	Yes
<b>Headset jack</b>	Yes - 2.5mm	No	Yes	Yes
<b>Ethernet switch</b>	N/A	No	Yes (10/100)	Yes (10/100)
<b>Cisco Inline Power</b>	N/A	No	Yes	Yes
<b>802.3af PoE</b>	N/A	No	No	No
<b>Power Draw</b>	N/A	N/A	6.3W	6.3W
<b>3rd Party XML</b>	Yes	No	Yes	Yes
<b>Cisco Unified IP Phone Expansion Module 7914</b>	N/A	No	No	Yes
<b>Unified CallManager 5.0 Device License Units</b>	4	3	4	4

\* The last day to download the Cisco MGCP Software Image on the Cisco Unified IP Phone 7940G and Unified IP Phone 7960G is May 31, 2008. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until May 30, 2010.

**Table 2.** Cisco Unified IP Phones, Cont'd

	Cisco Unified SIP Phone 3911	Cisco Unified IP Phone 7931G	Cisco Unified IP Phone 7985G	Cisco IP Communicator
<b>Display</b>	Monochrome (144 x 32 pixels)	Monochrome (192 x 64 pixels), white backlight	4SIF (704 x 480 pixels), 4CIF (704 x 576 pixels),	Multiple display (skin) options
<b>Programmable (Soft) Keys</b>	No	Yes – 4	Yes – 5	Yes – 5
<b>Number of Line Keys</b>	1 – Lighted	24 – Lighted	1	8
<b>Protocol Support</b>	SIP	SCCP	SCCP	SCCP
<b>Codec support</b>	G.711, G.729, G.729a	G.711a, G.711 $\mu$ , G.729a, G.729ab, iLBC	G.711, G.729ab, G.722	G.711a, G.711u, G.729, and G.729a, Lin16k
<b>Speaker phone</b>	Yes	Yes	Yes	Yes
<b>Headset jack</b>	No	Yes	Yes	Yes - USB
<b>Ethernet switch</b>	No	No	Yes (10/100)	N/A
<b>Cisco Inline Power</b>	No	No	No	N/A
<b>802.3af PoE</b>	Yes (Class 2)	Yes (Class 3)	Yes (Class 0)*	N/A
<b>Power Draw</b>	6.3W	7W	12.55W	N/A
<b>3rd Party XML</b>	No	Yes	Yes	Yes
<b>Cisco Unified IP Phone Expansion Module 7914</b>	No	No	No	N/A
<b>Unified CallManager 5.0 Device License Units</b>	2	N/A	7	3

\* To achieve full LCD brightness on the Cisco Unified IP Phone 7985G, use the local power supply. The LCD will have reduced brightness levels while operating in IEEE 802.3af PoE mode.

## CISCO UNIFIED IP PHONE MODEL DESCRIPTIONS

### Cisco Unified IP Phone 7906G/7911G

The Cisco Unified IP Phone 7906G/7911G fill the communication needs of cubicle, retail, classroom, or manufacturing workers or anyone who conducts low to moderate telephone traffic. Four dynamic soft keys guide users through core business features and functions, while a pixel-based display combines intuitive features, calling information, and Extensible Markup Language (XML) services into a rich user experience. The Cisco Unified IP Phone 7906G/7911G offer numerous important security features plus the choice of IEEE 802.3af Power over Ethernet (PoE), Cisco inline power, or local power through an optional power adaptor. The Cisco Unified IP Phone 7911G also includes a 10/100BASE-T Ethernet connection through two RJ-45 ports, one for the LAN connection, the other for connecting a downstream Ethernet device such as a PC.



### Cisco Unified Wireless IP Phone 7921G

The Cisco Unified Wireless IP Phone 7921G is a second generation IEEE 802.11abg wireless IP phone that provides comprehensive voice communications in conjunction with Cisco Unified Communications Manager and the Cisco Aironet 1300, 1240, 1200, 1130, 1100, 1000, and 350 series access points.

A backlit, high-resolution color display makes reading easier and enhances XML applications. Access to six telephone lines and a high-quality hands-free speakerphone are supported. The Cisco Unified Wireless IP Phone 7921G provides a more intuitive user interface and dedicated buttons for Push-To-Talk (support via XML application), mute, and volume for ease of use. A combination charger and speakerphone stand provides enhanced desktop functionality.

The Cisco Unified Wireless IP Phone 7921G is equally adaptable for all mobile professionals, from managers on the move within an office environment to associates working in the warehouse, on the sales floor, or in the call center. Nurses, doctors, educators, and IT personnel can also increase their reach-ability as an ever-broadening range of industries adopt wireless LANs.



### Cisco Unified IP Phone 7931G

The Cisco Unified IP Phone 7931G meets the communication needs of retail, commercial, manufacturing workers, and anyone with moderate telephone traffic but also specific call requirements. Dedicated hold, redial, and transfer keys are supplied to facilitate call handling in a retail environment. Illuminated mute and speakerphone keys are provided to give a clear indication of speaker status. A pixel-based display with a white backlight makes calling information easy to see, and Extensible Markup Language (XML) services deliver a rich user experience. The Cisco Unified IP Phone 7931G offers numerous important security features plus the choice of IEEE 802.3af Power over Ethernet (PoE) or local power through an optional power adaptor.



### Cisco Unified IP Conference Station 7936

The Cisco Unified IP Conference Station 7936 offers improvements over the existing Cisco Unified IP Conference Station 7935 with external microphone ports, optional external microphone kit, newly audio-tuned speaker grill, and a new backlit liquid crystal display (LCD) display. The optional microphone kit includes two microphones with six-foot cords. This places microphones across a 12-foot area, effectively expanding a suggested conference room size of 20 feet by 30 feet. The new backlit LCD display improves visibility in low light conditions. The display font size is also adjustable for improved distant viewing.



### Cisco Unified IP Phone 7940G

The Cisco Unified IP Phone 7940G, a key offering in the IP Phone portfolio, addresses the communication needs of a transaction type worker. It provides two programmable line and feature keys, plus a high quality speakerphone. The Cisco Unified IP Phone 7940G also has four dynamic soft keys that guide users through call features and functions. Built-in headset port and integrated Ethernet Switch are standard with the Cisco Unified IP Phone 7940G. Also includes audio controls for full duplex speakerphone, handset and headset. The Cisco Unified IP Phone 7940G also features a large, pixel-based LCD display. The display provides features such as date and time, calling party name, calling party number, and digits dialed. The graphic capability of the display allows for the inclusion of such features as Extensible Markup Language (XML). The Cisco Unified IP Phone 7940G is multi-protocol capable (SCCP, SIP, MGCP).



### Cisco Unified IP Phone 7941G

The Cisco Unified IP Phone 7941G is a full-featured enhanced business IP phone that addresses the communication needs of the transaction worker. It provides two programmable backlit line/feature buttons and four interactive soft keys that guide a user through call features and functions, and audio controls for high-quality duplex speakerphone, handset, and headset. A built-in headset port and an integrated Ethernet switch are standard with the Cisco Unified IP Phone 7941G. The phone also features a best-of-class large, higher-resolution grayscale pixel-based LCD. The display provides features such as date and time, calling party name, calling party number, and digits dialed. The graphic capability of the display allows for the inclusion of higher value, more visibly rich Extensible Markup Language (XML) applications and double-byte languages.



### Cisco Unified IP Phone 7941G-GE

The new Cisco Unified IP Phone 7941G-GE delivers the latest technology and advancements in Gigabit Ethernet VoIP telephony. This phone not only offers enhanced functionality for businesses that require advanced communications capabilities, but also brings network data and applications to users quickly with its Gigabit Ethernet port for integration to a PC or desktop server. This state-of-the-art Gigabit Ethernet IP phone is "feature identical" to the Cisco Unified IP Phone 7941G. The Cisco Unified IP Phone 7941G-GE provides the same high-resolution, graphical 4-bit grayscale display (320 x 222) that supports double-byte characters and Unicode text to help benefit XML application developers - and supports IEEE standard 802.3af inline power and Cisco legacy power. The Cisco Unified IP Phone 7941G-GE is a full-featured handset that provides two programmable line and feature buttons along with four interactive softkeys to help guide users through various call features and functions. The Cisco Unified IP Phone 7941G-GE is standards-based to deliver better interoperability and greater deployment flexibility.



### Cisco Unified IP Phone 7942G

The Cisco IP Phone 7942G is an advanced, fully-featured business IP phone designed to provide users with rich, hi-fidelity, life-like voice communications. A high-quality hands-free speakerphone and handset designed specifically for wideband/G.722 audio are standard, as is support for wideband headsets. The Cisco Unified IP Phone 7942G is intended to meet the needs of transaction-type business people with a moderate amount of voice traffic. It provides two programmable backlit line/feature buttons and four interactive soft keys that guide a user through all call features and functions. The new functionality and features are integrated within an industry-proven, award-winning industrial design.



This state-of-the-art IP phone includes a crisp, 4-bit grayscale display (320 x 222) for easy access to communication information, timesaving applications, and feature usage. It also enables customers and developers to deliver innovative and productivity-enhancing, higher value, and more visibly rich Extensible Markup Language (XML) applications to the display. Double-byte languages are also supported on the Cisco IP Phone 7942G. Dynamic backlit tri-color buttons provide straightforward call state identification. Both Cisco pre-standard Power over Ethernet (PoE) and IEEE 802.3af PoE are supported.

### Cisco Unified IP Phone 7945G

The Cisco IP Phone 7945G color, fully-featured business IP designed to provide users with rich, hi-fidelity, life-like voice communications. A high-quality hands-free speakerphone and handset designed specifically for wideband/G.722 audio are standard, as is support for wideband headsets. The Cisco Unified IP Phone 7945G is intended to not only meet the needs of transaction-type workers with significant phone traffic, but also those of power users/developers working with bandwidth-intensive applications on co-located PCs. Additionally, users that require/prefer vibrant color displays for usability reasons or for productivity-enhancing applications will benefit from this phone. It provides two programmable backlit line/feature buttons and four interactive soft keys that guide a user through all call features and functions. The new functionality and features are integrated within an industry-proven, award-winning industrial design.



This state-of-the-art IP phone includes a backlit TFT color display (320 x 240) for easy access to communication information, timesaving applications, and feature usage. It also enables customers and developers to deliver innovative and productivity-enhancing, higher value, and more visibly rich Extensible Markup Language (XML) applications to the display. Double-byte languages are also supported on the Cisco IP Phone 7945G. Dynamic backlit tri-color buttons provide straightforward call state identification. Both local powering options and IEEE 802.3af PoE (Class 3) are supported.

### Cisco Unified IP Phone 7960G

The Cisco Unified IP Phone 7960G, a key offering in the IP Phone portfolio, is a fully featured IP phone, perfect for managers and executives, providing six programmable line and feature buttons, and a high quality speakerphone. The Cisco Unified IP Phone 7960G offers four dynamic soft keys that guide a user through call features and functions. Built-in headset port and integrated Ethernet Switch are standard with the Cisco Unified IP Phone 7960G. Also includes audio controls for full duplex speakerphone, handset and headset. The Cisco Unified IP Phone 7960G also features a large, pixel-based LCD display. The display provides features such as date and time, calling party name, calling party number, and digits dialed. The graphic capability of the display allows for the inclusion of such features as Extensible Markup Language (XML). The Cisco Unified IP Phone 7960G is multi-protocol capable (SCCP, SIP, MGCP).



### Cisco Unified IP Phone 7961G

The Cisco Unified IP Phone 7961G, an important offering in the Cisco Systems award-winning IP phone portfolio is a full-featured IP phone designed to meet the needs of managers and administrative assistants (Figure 1). It provides six programmable backlit line/feature buttons and four interactive soft keys that guide a user through call features and functions, and audio controls for high-quality duplex speakerphone, handset, and headset. A built-in headset port and an integrated Ethernet switch are standard with the Cisco Unified IP Phone 7961G. The phone also features a best-of-class large, high-resolution grayscale pixel-based LCD. The display provides features such as date and time, calling party name, calling party number, and digits dialed. The crisp graphic capability of the display allows for the inclusion of Extensible Markup Language (XML) applications.



### Cisco Unified IP Phone 7961G-GE

The new Cisco Unified IP Phone 7961G-GE delivers the latest technology and advancements in Gigabit Ethernet VoIP telephony. This phone not only offers enhanced functionality for managers that require advanced communications capabilities, but also brings network data and applications to users quickly with its Gigabit Ethernet port for integration to a PC or desktop server. This state-of-the-art Gigabit Ethernet IP phone is "feature identical" to the Cisco Unified IP Phone 7961G. The Cisco Unified IP Phone 7961G-GE provides the same high-resolution, graphical 4-bit grayscale display (320 x 222) that supports double-byte characters and Unicode text to help benefit XML application developers - and supports IEEE standard 802.3af inline power and Cisco legacy power. The Cisco Unified IP Phone 7961G-GE is a full-featured handset that provides six programmable line and feature buttons along with four interactive softkeys to help guide users through various call features and functions. The Cisco Unified IP Phone 7961G-GE is standards-based to deliver better interoperability and greater deployment flexibility.



### Cisco Unified IP Phone 7962G

The Cisco Unified IP Phone 7962G is an advanced, fully-featured manager IP designed to provide users with hi-fidelity, life-like voice communications. A high-quality hands-free speakerphone and handset designed specifically for wideband/G.722 audio are standard, as is support for wideband headsets. The Cisco Unified IP Phone 7962G is intended to meet the needs of managers and administrative assistants. It provides six programmable backlit line/feature buttons and four interactive soft keys that guide a user through all call features and functions. The new functionality and features are integrated within an industry-proven, award-winning industrial design.



This state-of-the-art IP phone includes a crisp, 4-bit grayscale display (320 x 222) for easy access to communication information, timesaving applications, and feature usage. It also enables customers and developers to deliver innovative and productivity-enhancing, higher value, and more visibly rich Extensible Markup Language (XML) applications to the display. Double-byte languages are also supported on the Cisco Unified IP Phone 7962G. Dynamic backlit tri-color buttons provide straightforward call state identification. Both Cisco pre-standard Power over Ethernet (PoE) and IEEE 802.3af PoE are supported.

### Cisco Unified IP Phone 7965G

The Cisco Unified IP Phone 7965G is an advanced, color, fully-featured business IP designed to provide users with rich, hi-fidelity, life-like voice communications. A high-quality hands-free speakerphone and handset designed specifically for wideband/G.722 audio are standard, as is support for wideband headsets. The Cisco Unified IP Phone 7965G is intended to not only meet the needs of professional workers, managers and administrative assistants, but also those of power users/developers working with bandwidth-intensive applications on co-located PCs. Additionally, users that require/prefer vibrant color displays for usability reasons or for productivity-enhancing applications will benefit from this phone. It provides six programmable backlit line/feature buttons and four interactive soft keys that guide a user through all call features and functions. The new functionality and features are integrated within an industry-proven, award-winning industrial design.



This state-of-the-art IP phone includes a backlit TFT color display (320 x 240) for easy access to communication information, timesaving applications, and feature usage. It also enables customers and developers to deliver innovative and productivity-enhancing, higher value, and more visibly rich Extensible Markup Language (XML) applications to the display. Double-byte languages are also supported on the Cisco Unified IP Phone 7965G. Dynamic backlit tri-color buttons provide straightforward call state identification. Both local powering options and IEEE 802.3af PoE (Class 3) are supported.

### Cisco Unified IP Phone 7970G

The Cisco Unified IP Phone 7970G demonstrates the latest technology and advancements in VoIP telephony. It addresses not only the needs of the executive or major decision maker but also brings network data and applications to users without PCs. This state-of-the-art IP phone includes a backlit, high-resolution color touch-screen display for easy access to communication information, timesaving applications, and feature usage. It also enables customers and developers to deliver more innovative and productivity-enhancing Extensible Markup Language (XML) applications to the display. Access to eight telephone lines (or combination of lines and direct access to telephony features), a high-quality hands-free speakerphone, a built-in headset connection, both Cisco pre-standard Power over Ethernet (PoE) and IEEE 802.3af PoE are supported.



### Cisco Unified IP Phone 7971G-GE

The Cisco Unified IP Phone 7971G-GE delivers the latest technology and advancements in Gigabit Ethernet VoIP telephony. It not only addresses the needs of an executive or major decision maker but also brings network data and applications to users quickly with its Gigabit Ethernet port for integration to a PC or desktop server. This state-of-the-art Gigabit Ethernet IP phone is "feature identical" to the Cisco Unified IP Phone 7970G. It also includes a backlit, high-resolution color touch-screen display (320 x 234, 12-bit display with 4096 colors) for easy access to communication information, timesaving applications, and feature usage.



### Cisco Unified IP Phone 7975G-GE

The Cisco Unified IP Phone 7975G is an advanced, color, fully-featured business IP designed to provide users with rich, hi-fidelity, life-like voice communications. A high-quality hands-free speakerphone and handset designed specifically for wideband/G.722 audio are standard, as is support for wideband headsets. The Cisco Unified IP Phone 7975G meets the needs of executives, managers and administrative assistants, as well as those of power users/developers working with bandwidth-intensive applications on co-located PCs. It provides eight programmable backlit line/feature buttons and five interactive soft keys that guide a user through all call features and functions. The new functionality and features are integrated within an industry-proven, award-winning industrial design.



This state-of-the-art IP phone includes a large backlit TFT touchscreen color display (320 x 240) for easy access to communication information, timesaving applications, and feature usage. It also enables customers and developers to deliver innovative and productivity-enhancing, higher value, and more visibly rich Extensible Markup Language (XML) applications to the display. Double-byte languages are also supported on the Cisco Unified IP Phone 7975G. Dynamic backlit tri-color buttons provide straightforward call state identification. Both local powering options and IEEE 802.3af PoE (Class 3) are supported.

## Cisco IP Communicator

Cisco IP Communicator (Figure 1) is a Microsoft Windows-based application that delivers enhanced telephony support through personal computers. It is easy to deploy and features some of the latest technology and advancements available with IP communications today. This application endows computers with the functionality of IP phones, providing high-quality voice calls on the road, in the office, or from wherever users can access the corporate network.

Cisco IP Communicator is designed for users who require a supplemental telephone when traveling, a telecommuting device, or a primary desktop telephone. When using Cisco IP Communicator remotely, users are not just taking their office phone extension with them—they also have access to the same familiar phone and video telephony services they have in the office. This advantage boosts business collaboration and responsiveness, and helps organizations keep pace with today's mobile business environment.

Cisco IP Communicator works with Cisco Unified Video Advantage to bring video telephony to the communications experience. Now, telecommuters and mobile employees using Cisco IP Communicator can enhance their communications with video. When calls are made through Cisco IP Communicator, available video is automatically displayed through Cisco Unified Video Advantage. It is as easy as making a telephone call.



## Cisco Unified Video Advantage

Cisco Unified Video Advantage (formerly Cisco VT Advantage) adds video to your communications experience by providing video telephony functionality to Cisco Unified IP phones (7900 series, and Cisco IP Communicator softphone application). With Cisco Unified Video Advantage, video telephony is now just a phone call.

This solution comprises Cisco Unified Video Advantage software and Cisco VT Camera II, a video telephony USB camera. With Cisco Unified Video Advantage you can use the familiar phone interface to make and receive video calls on your Cisco Unified IP phone with the video component displayed on your PC. Enterprise organizations can take advantage of their existing IP networks to extend video to everyone in their organization.



## Cisco Unified IP Phone 7985G

An integral component of the Cisco Unified IP Communications offering, the Cisco Unified IP Phone 7985G is a personal desktop video phone that makes instant, face-to-face communication possible for executives and managers alike. This model integrates all the necessary components to enable a video call -- camera, LCD screen, speaker, keypad, and a handset -- into a single, easy-to-use unit.

Call features such as call forward, transfer, conference, and hold are now available with video and are easy to initiate through the Cisco Unified IP Phone 7985G. IP telephony and IP video telephony are delivered to every employee using a unified dial plan and common directory -- over a single Cisco IP Communications infrastructure -- through Cisco Communications Manager. The Cisco Unified IP Phone 7985G provides many accessibility methods based on user preference. In addition to the four functional buttons that provide access to Directories, Services, Settings, and Messages, the Cisco Unified IP Phone 7985G has five buttons that control video features: Self View, Picture in Picture, Video Mute, Display, and Brightness.



### Cisco Unified SIP Phone 3911

The Cisco Unified SIP Phone 3911 is a cost-effective, entry-level phone that addresses the needs of a lobby, laboratory, manufacturing floor, and hallway. The capabilities of the phone can also fill the communication needs of cubicle, retail, classroom, or manufacturing workers or anyone who exhibits low to moderate telephone usage. This single-line phone has a half-duplex speakerphone and internal microphone. The Cisco Unified SIP Phone 3911 provides fixed feature keys for one-touch access to redial, transfer, conference, hold, line select, mute, speakerphone, and voicemail access features. The line select, mute, conference, Message Waiting Indicator, and speakerphone keys provide LEDs to indicate status for these features. In addition, the phone supports a 2-line x 24-character display along with two menu select keys and a two-way rocker for scrolling control. This display enables support for additional capabilities such as caller ID, call history, and the ability to configure the phone. Finally, the Cisco Unified SIP Phone 3911 offers the choice of IEEE 802.3af Power over Ethernet (PoE), or local power through an optional power adaptor.



**Table 3.** End of Sale Models

	Cisco Unified IP Phone 7902G - EOS	Cisco Unified IP Phone 7905G - EOS	Cisco Unified IP Phone 7910G - EOS	Cisco Unified IP Phone 7912G - EOS	Cisco Unified Wireless IP Phone 7921G - EOS	Cisco IP Conference Station 7935 - EOS
<b>Display</b>	No	Pixel-based (monochrome)	2x24 character LCD	Pixel-based (monochrome)	2 in. (5 cm) color display with 176 x 220 pixel resolution	Pixel-based
<b>Programmable (Soft) Keys</b>	No	Yes - 4	6 feature keys	Yes - 4	Yes – 2	Yes - 3
<b>Number of Line Keys</b>	1	1	1	1	2 soft keys and 1 application key	1
<b>Protocol Support</b>	SCCP	SCCP, SIP	SCCP	SCCP, SIP	SCCP	SCCP
<b>Codec support</b>	G.711a, G.711 $\mu$ , G.729ab	G.711a, G.711 $\mu$ , G.729ab	G.711, G.729a	G.711a, G.711 $\mu$ , G.729ab	G.711a, G.711 $\mu$ , G.729a, and G.729ab	G.711a, G.711 $\mu$ , G.729a
<b>Speaker phone</b>	Monitor only	Monitor only	Monitor only	Monitor only	Yes	Yes
<b>Headset jack</b>	No	No	No	No	Yes - 2.5mm	No
<b>Ethernet switch</b>	No	No	Yes (7910G+SW) (10/100)	Yes (10/100)	N/A	No
<b>Cisco Inline Power</b>	Yes	Yes	Yes	Yes	N/A	No
<b>802.3af PoE</b>	No	No	No	No	N/A	No
<b>Power Draw</b>	5.6W	5.6W	6.3W	6.3W	N/A	N/A
<b>3rd Party XML</b>	No	Yes	No	Yes	Yes	No
<b>Cisco Unified IP Phone Expansion Module 7914</b>	No	No	No	No	N/A	No
<b>Unified CallManager 5.0 Device License Units</b>	1	2	2	3	4	3

## END OF SALE MODEL DESCRIPTIONS

### Cisco Unified IP Phone 7902G – EOS November 29, 2006

Recommended replacement is the Cisco Unified IP Phone 7906G

The Cisco Unified IP Phone 7902G is a cost-effective, entry-level IP phone addressing the voice communications needs of a lobby, laboratory, manufacturing floor, or hallway-or other areas where only basic calling capability is required. The Cisco Unified IP Phone 7902G (Figure 1) is a single-line IP phone, with fixed feature keys that provide one-touch access to the redial, transfer, conference, and voice-mail access features. Consistent with other Cisco Unified IP Phones, the Cisco Unified IP Phone 7902G supports inline power, which allows the phone to receive power over the LAN. This capability gives the network administrator centralized power control-translating into greater network availability.



### Cisco Unified IP Phone 7905G – EOS May 22, 2006

Recommended replacement is the Cisco Unified IP Phone 7906G

The Cisco Unified IP Phone 7905G is a cost-effective, basic IP phone providing a core set of business features. The Cisco Unified IP Phone 7905G provides single-line access and four interactive soft keys that guide a user through call features and functions via the pixel-based liquid crystal display (LCD). The graphic capability of the display provides a rich user experience by presenting calling information, intuitive access to features, and language localization in future firmware releases. The Cisco Unified IP Phone 7905G supports inline power, which allows the phone to receive power over the LAN. This capability gives the network administrator centralized power control, which translates into greater network availability.



### Cisco Unified IP Phone 7910G – EOS January 15, 2006

Recommended replacement is the Cisco Unified IP Phone 7911G

The Cisco Unified IP Phones 7910G and 7910G+SW, two key offerings in the IP phones portfolio, bring state-of-the-art technology to voice communication solutions. The Cisco 7910G and 7910G+SW are basic telephones designed primarily for common-use areas—such as lobbies, break rooms, and hallways—that do not require specialized features. The Cisco 7910G+SW includes a two-port Cisco switch making it suitable for worker applications requiring basic phone functionality, including a co-located Ethernet device, such as a PC.



This single-line phone also provides four dedicated feature buttons, line, hold, transfer, and settings, located prominently under the display. A cluster of six feature access keys is located above the volume control rocker switch. The factory default configuration for messages (msgs), conference (conf), forward, speed dial (speed 1, speed 2), and redial can be programmed by a system administrator to perform other functions, such as Call Park, Call Pick-Up, and Night Service, as well as additional speed dials and other traditional telephone features.

**Cisco Unified IP Phone 7912G – EOS May 26, 2007**

Recommended replacement is the Cisco Unified IP Phone 7911G

The Cisco Unified IP Phone 7912G provides core business features and addresses the communication needs of a cubicle worker who conducts low to medium telephone traffic. The Cisco Unified IP Phone 7912G offers four dynamic soft keys that guide a user through call features and functions. The graphic capability of the display provides a rich user experience by providing calling information and intuitive access to features. In addition, XML applications deliver impressive applications and network data to the Cisco Unified IP Phone 7912G display.



The Cisco Unified IP Phone 7912G supports an integrated Ethernet switch, providing LAN connectivity to a co-located PC. In addition, the Cisco Unified IP Phone 7912G supports inline power, which allows the phone to receive power over the LAN. This capability gives the network administrator centralized power control, translating into greater network availability. The combination of inline power and Ethernet switch support reduces cabling needs to a single wire to the desktop.

**Cisco Unified Wireless IP Phone 7920 – EOS June 8, 2007**

Recommended replacement is the Cisco Unified Wireless IP Phone 7921G

The Cisco Unified Wireless IP Phone 7920 is an easy to use IEEE 802.11b wireless IP phone that provides comprehensive voice communications in conjunction with Cisco Unified Communications Manager and the Cisco Aironet 1200, 1100, 350, and 340 series of Wi-Fi (IEEE 802.11b) access points. As an integral component of the Cisco Unified Communications Wireless solution, the Cisco Unified Wireless IP Phone 7920 transparently delivers intelligent services such as security, mobility, quality of service (QoS) and management across an end-to-end



Cisco network.

The Cisco Unified Wireless IP Phone 7920 is equally adaptable for all mobile professionals, from managers on the move within an office environment to associates working in the warehouse, on the sales floor, or in the call center. Nurses, doctors, educators, and IT personnel can also increase their reachability as an ever-broadening range of industries adopt wireless LANs.

**Cisco Unified IP Conference Station 7935 – EOS November 14, 2004**

Recommended replacement is the Cisco Unified IP Conference Station 7936

The Cisco Unified IP Conference Station 7935 couples state-of-the-art conference room speaker-phone technologies from Polycom with the Cisco award-winning AVVID-voice communication technologies. The net result is a conference room phone that offers superior voice and microphone quality, with simplified wiring and administrative cost benefits which are derived when converging voice, video, and data across a common IP infrastructure.



The Cisco Unified IP Conference Station 7935 voice instrument is a full-featured, IP-based, full-duplex hands-free conference station for use on desktops and offices, and in small to medium-sized conference rooms.

The Cisco Unified IP Conference Station 7935 full-duplex design offers superior voice quality, eliminating echoes, clipped words, and reverberations for more natural conversation. It features superior sound quality with a digitally tuned speaker and three microphones, allowing conference participants to move around while speaking. In addition to the regular telephony keypad, the Cisco Unified IP Conference Station 7935 provides three soft keys and menu navigation keys that guide a user through call features and functions. The Cisco Unified IP Conference Station 7935 also features a pixel-based LCD display. The display

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provides features such as date and time, calling party name, calling party number, digits dialed, and feature and line status.