



Portable Product Sheets – IP Phones

Last Updated September 2006

Cisco Unified IP Phone Model Comparisons Newest Releases:

	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
Display	Monochrome (192 x 64 pixels)	Monochrome (192 x 64 pixels)	Monochrome (320 x 222 pixels)	Monochrome (320 x 222 pixels)	Color touch screen (320 x 234 pixels, 12-bit color depth)
Programmable (Soft) Keys	Yes – 4	Yes – 4	Yes – 4	Yes – 4	Yes – 5
Number of Line Keys	1	1	2 lighted keys	6 – Lighted	8 – Lighted
Protocol Support	SCCP Enhanced SIP*	SCCP Enhanced SIP*	SCCP Enhanced SIP*	SCCP Enhanced SIP*	SCCP Enhanced SIP*
Codec Support	G.711a, G.711 μ , G.729a, and G.729ab	G.711a, G.711, G.729a, G.729b, and G.729ab	G.711 μ and G.729a	G.711 μ and G.729a	G.711a, G.711u, and G.729ab
Speaker Phone	Monitor Only	Monitor Only	Yes	Yes	Yes
Headset Jack	No	No	Yes	Yes	Yes
Ethernet Switch	No	Yes (10/100)	Yes (10/100)	Yes (10/100)	Yes (10/100)
Cisco Pre-standard PoE	Yes	Yes	Yes	Yes	Yes*
802.3af PoE	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 3)
3rd Party XML	Yes	Yes	Yes	Yes	Yes
Cisco IP Phone Expansion Module 7914	No	No	No	Yes	Yes
Unified CallManager 5.0 Device License Units	2	3	4	4	5

* For the Cisco IP Phone 7970G to have full display brightness, 802.3af standard power over Ethernet or the external power adapter is required. The Cisco 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.



Portable Product Sheets – IP Phones

Cisco Unified Gigabit Ethernet IP Phones

	Cisco Unified IP Phone 7941G-GE	Cisco Unified IP Phone 7961G-GE	Cisco Unified Phone 7971G-GE
Display	Monochrome (320 x 222 pixels)	Monochrome (320 x 222 pixels)	Color touch screen (320 x 234 pixels, 12-bit color depth)
Programmable (Soft) Keys	Yes – 4	Yes – 4	Yes – 5
Number of Line Keys	2 – Lighted	6 – Lighted	8 – Lighted
Protocol Support	SCCP Enhanced SIP	SCCP Enhanced SIP	SCCP Enhanced SIP
Codec Support	G.711 μ , G.729a	G.711 μ , G.729a	G.711, G.729a
Speaker Phone	Yes	Yes	Yes
Headset Jack	Yes	Yes	Yes
Ethernet Switch	Yes (10/100/1000)	Yes (10/100/1000)	Yes (10/100/1000)
Cisco Pre-standard PoE	No	No	No
802.3af PoE	Yes (Class 3)	Yes (Class 3)	Yes (Class 3)
3rd Party XML	Yes	Yes	Yes
Cisco IP Phone Expansion Module 7914	No	Yes	Yes
Unified CallManager 5.0 Device License Units	4	4	5



Portable Product Sheets – IP Phones

Cisco Unified IP Phones

	Cisco Unified IP Phone 7912G-A	Cisco Unified IP Conference Station 7936	Cisco Unified IP Phone 7920	Cisco Unified IP Phone 7940G	Cisco Unified IP Phone 7960G
Display	Pixel-based (monochrome)	Pixel-based (backlit)	Pixel-based (monochrome)	Pixel-based (grey scale)	Pixel-based (grey scale)
Programmable (Soft) Keys	Yes - 4	Yes - 3	Yes - 2	Yes - 4	Yes - 4
Number of Line Keys	1	1	6	2	6
Protocol Support	SCCP, SIP	SCCP	SCCP	SCCP, SIP, MGCP	SCCP, SIP, MGCP
Codec support	G.711a, G.711 μ , G.729ab	G.711a, G.711 μ , G.729a	G.711a, G.711 μ , G.729a	G.711, G.729a	G.711, G.729a
Speaker phone	Monitor only	Yes	Yes	Yes	Yes
Headset jack	No	No	Yes - 2.5mm	Yes	Yes
Ethernet switch	Yes (10/100)	No	N/A	Yes (10/100)	Yes (10/100)
Cisco Pre-Standard PoE	Yes	No	N/A	Yes	Yes
802.3af PoE	No	No	N/A	No	No
3rd Party XML	Yes	No	Yes	Yes	Yes
Cisco IP Phone Expansion Module 7914	No	No	N/A	No	Yes
Unified CallManager 5.0 Device License Units	3	3	4	4	4



Portable Product Sheets – IP Phones

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

* Compatible only with Cisco Unified CallManager Express Version 4.0(2) and later

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



Cisco IP Phone 7906G

The Cisco® Unified IP Phone 7906G fills 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 offers 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



Cisco IP Phone 7911G

The Cisco Unified IP Phone 7911G fills 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 7911G offers 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.



Cisco Unified IP Phone 7912G-A

The Cisco 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 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 IP Phone 7912G display.

The Cisco IP Phone 7912G supports an integrated Ethernet switch, providing LAN connectivity to a co-located PC. In addition, the Cisco 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

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 CallManager 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 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 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 IP Conference Station 7936 offers improvements over the existing Cisco 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 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 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 IP Phone 7940G. Also includes audio controls for full duplex speakerphone, handset and headset. The Cisco 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 XML (Extensible Markup Language) and future features. The 7940G is multi-protocol capable (SCCP, SIP, MGCP).



Cisco Unified IP Phone 7941G

The Cisco® 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 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 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 IP Phone 7941G. The Cisco 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 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 IP Phone 7941G-GE is standards-based to deliver better interoperability and greater deployment flexibility.



Cisco Unified IP Phone 7960G

The Cisco 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 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 IP Phone 7960G. Also includes audio controls for full duplex speakerphone, handset and headset. The Cisco 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 XML (Extensible Markup Language) and future features. The 7960G is multi-protocol capable (SCCP, SIP, MGCP).



Cisco Unified IP Phone 7961G

The Cisco® 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 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 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 IP Phone 7961G. The Cisco 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 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 IP Phone 7961G-GE is standards-based to deliver better interoperability and greater deployment flexibility.



Cisco Unified IP Phone 7970G

The Cisco 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 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 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 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 VT 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 IP Communications offering, the Cisco 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 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 CallManager. The Cisco 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 IP Phone 7985G has five buttons that control video features: Self View, Picture in Picture, Video Mute, Display, and Brightness.





Portable Product Sheets – IP Phones

End of Sale Models

	Cisco Unified IP Phone 7902G - EOS	Cisco Unified IP Phone 7905G - EOS	Cisco IP Phone 7910G - EOS	Cisco IP Phone 7912G - EOS	Cisco IP Conference Station 7935 - EOS
Display	No	Pixel-based (monochrome)	2x24 character LCD	Pixel-based (monochrome)	Pixel-based
Programmable (Soft) Keys	No	Yes - 4	6 feature keys	Yes - 4	Yes - 3
Number of Line Keys	1	1	1	1	1
Protocol Support	SCCP	SCCP, SIP	SCCP	SCCP, SIP	SCCP
Codec support	G.711a, G.711 μ , G.729ab	G.711a, G.711 μ , G.729ab	G.711, G.729a	G.711a, G.711 μ , G.729ab	G.711a, G.711 μ , G.729a
Speaker phone	Monitor only	Monitor only	Monitor only	Monitor only	Yes
Headset jack	No	No		No	No
Ethernet switch	No	No	Yes (7910G+SW) (10/100)	Yes (10/100)	No
Cisco Pre-Standard PoE	Yes	Yes	Yes	Yes	No
802.3af PoE	No	No	No	No	No
3rd Party XML	No	Yes	No	Yes	No
Cisco IP Phone Expansion Module 7914	No	No	No	No	No
Unified CallManager 5.0 Device License Units	1	2	2	3	3



Cisco IP Phone 7902G – EOS May 22, 2006

Recommended replacement is the Cisco 7906G

The Cisco 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 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 IP phones, the Cisco 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 IP Phone 7905G – EOS May 22, 2006

Recommended replacement is the Cisco 7906G

The Cisco IP Phone 7905G is a cost-effective, basic IP phone providing a core set of business features. The Cisco 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 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 IP Phone 7910G – EOS January 15, 2006

Recommended replacement is the Cisco 7911G

The Cisco 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 IP Phone 7912G – EOS September 19, 2005

Recommended replacement is the Cisco 7911G

The Cisco 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 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 IP Phone 7912G display.

The Cisco IP Phone 7912G supports an integrated Ethernet switch, providing LAN connectivity to a co-located PC. In addition, the Cisco 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 IP Conference Station 7935 – EOS November 14, 2004

Recommended replacement is the Cisco IP Conference Station 7936

The Cisco 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 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 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 7935 provides three soft keys and menu navigation keys that guide a user through call features and functions. The Cisco 7935 also features a pixel-based LCD display. The display provides features such as date and time, calling party name, calling party number, digits dialed, and feature and line status.

