



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

[Contents](#)

Cisco IP Phone Portfolio





Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Contents



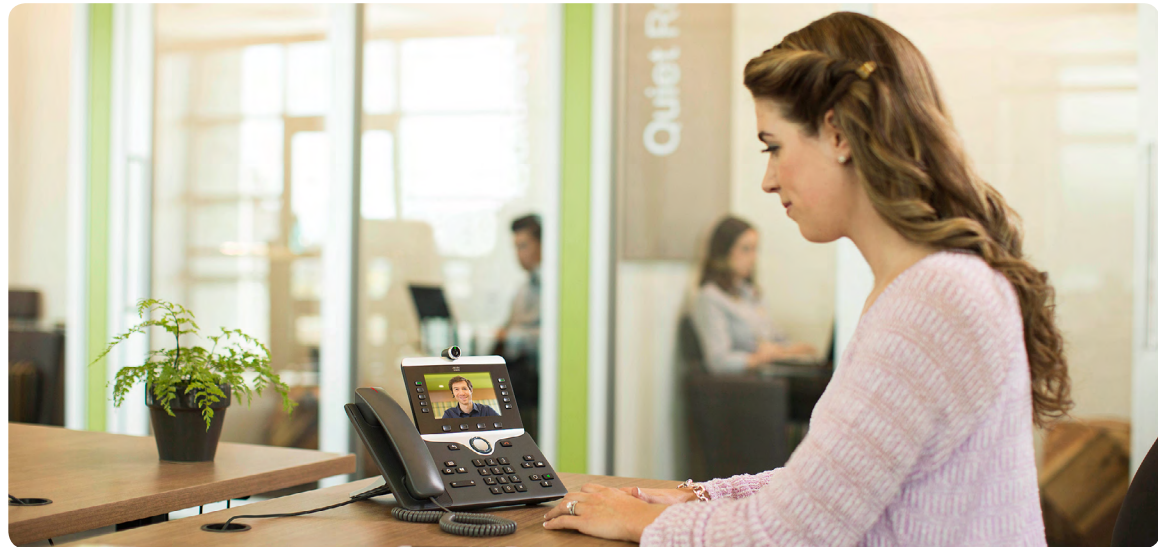
Contents

Introduction	3	8900 Series	35
Leading the Way in Collaboration	3	General Business SD Desktop Video Communications	35
3900 Series	6	9900 Series	37
Occasional-Use VoIP Communications	6	Professional SD Desktop Video Communications	37
6900 Series	8	SD Video Communications for Better Collaboration	40
Specialty-Use VoIP Communications	8	Transform Communications with SD Video	41
For Specialty-Use Settings	8	Extend SD Video across the Organization	42
7800 Series	9	Maintain a Personal Touch	43
Professional-Use VoIP Communications	9	IP Endpoint Multimedia Applications	44
For Light-Use VoIP Communications	12	Multimedia Applications for Your Business	44
Light-to-Moderate Use VoIP Communications	13	XML Applications	45
Moderate-to-Active Use VoIP Communications	14	Analog Telephone Adaptor and Accessories	46
Highly Active-Use VoIP Communications	15	Turn Traditional Telephones into IP Endpoints	46
7900 Series	16	Excellent Audio Even in the Noisiest Conditions	47
General Business VoIP Communications	16	Summary	52
General Business Voice-focused Endpoints	17	Optimize Your Organization's Collaboration	52
Ruggedized In-Campus Mobility	19	Additional Information	53
Enhanced Access and Scalability	22		
8800 Series	23		
Next-Generation Video and Voice Communications	23		
VoIP Communications to Boost Productivity	27		
High-Performance Audio Conferencing	28		
VoIP Communications to Enhance Collaboration	29		
Entry to HD Desktop Video Collaboration	30		
Bring Desk and Mobile Experiences Closer Together	31		
Share Telephony Experiences between Desk and Mobile	32		
Elevate Collaboration with Entry to HD Desktop Video	33		
Add Convenience and Extend Investment	34		



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Introduction



Leading the Way in Collaboration

Cisco® IP Phones empower your business with a new collaboration experience that connects the right people with the right information at the right time, so you can accelerate team performance and maximize your business results. Effective collaborative experiences among teams, communities, and individuals can also help you:

- Unlock the value of your company's information with relevant, contextual collaboration, when at the desktop or mobile.
- Harness the power of your busy professional staff by enabling them to collaborate confidently with customers, partners, colleagues, and suppliers.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Introduction

- Maximize interaction with subject-matter experts (SMEs) by taking advantage of pervasive presence and conferencing capabilities.
- Transform business processes with interactive high-quality, business-grade high- and standard-definition video communications.
- Get access to a broad suite of optional third-party endpoint applications and accessories.

Cisco began developing voice over IP (VoIP) communications and collaboration solutions in 1997 and has provided them longer than any other vendor in the industry. According to Synergy Research, Cisco is the number one overall voice and video communications equipment vendor in the world and the leader in most unified communications categories, including web and audio conferencing and messaging.

Cisco leads the unified communications and collaboration market with:

- **More unified communications installations:** Cisco has more than 100,000 unified communications customers worldwide.

- **More IP endpoints:** Cisco has shipped 85 million IP phones since its entry into VoIP communications.
- **Competitive advantage:** More than 95 percent of Fortune 500 companies now use Cisco Collaboration Solutions to build competitive advantage.

In today's economy, your business must meet the needs of a wide range of users with different communications styles and distinct workspaces. According to industry analyst Forrester Research, 7 out of 10 employees work from a primary desk 4 to 5 days per week¹. They make 88 percent of their work calls from their personal desk, and make more than half of those calls from a desk IP phone. Given this sizable market segment, continuing to invest in the desk worker is an important strategy for your business.

This brochure can help you determine which Cisco desk phones are right for your organization and how they can help you maximize your return on investment for your business and in Cisco collaboration solutions.

¹ [The Value of Collaboration Technologies to Desk-based Workers. Technology Action Paper, Forrester Research August 2013.](#)



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Introduction

The Cisco IP Phone portfolio includes an impressive array of user-friendly, full-featured VoIP and video phones that can meet the needs of your entire organization, from:

- The company lobby to the desk of your busiest managers
- The manufacturing floor to the executive suite
- The home office
- A branch-office site to a corporate headquarters

This brochure is designed to help you understand the different capabilities of Cisco IP Phones, which include:

- **Affordable, occasional-use and specialty VoIP communications:**
 - Cisco Unified SIP Phone 3900 Series and Cisco Unified IP Phones 6900 Series

- **Professional and general business VoIP communications:**
 - Cisco IP Phone 7800 Series and Cisco Unified IP Phones 7900 Series
- **Next-generation HD video and VoIP communications**
 - Cisco IP Phone 8800 Series
- **General business SD video and voice communications:**
 - Cisco Unified IP Phone 8900 Series
- **Professional SD video and voice communications:**
 - Cisco Unified IP Phone 9900 Series
- **Multimedia applications for Cisco IP Phones**
- **Analog telephone adaptors and accessories**



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

3900 Series

Figure 1. Compact, Simple, Single-Line Analog Replacement



Cisco Unified SIP Phone 3900 Series

Occasional-Use VoIP Communications

The Cisco Unified SIP Phone 3900 Series is an entry-level VoIP endpoint that delivers basic telephony features at a very affordable price. The 3900 Series is fully localized for use around the world and well-suited for settings with occasional needs for VoIP communications, such as:

- Lobbies
- Classrooms
- Laboratories
- Hallways

Cisco Unified SIP Phone 3905

The single-line Cisco Unified SIP Phone 3905 is an affordable, entry-level VoIP endpoint designed to grow with your small, midsize, or enterprise organization (Figure 1).

A monochrome display supports caller ID, call history, and phone information, making it easy to use. It is compact, can be wall-mounted, and includes a traditional handset and a standard 12-digit dial pad. A 2-way navigation button with a select key enables users to navigate up and down menus and text that is presented on the display.

IT administrators will find the Cisco SIP Phone 3905 easy and less costly to administer, install, and maintain. It comes standard with an integrated Ethernet switch to support a co-located PC at the desk. Thus, it can be an option for customers seeking to deploy it at a desk for users with light communications needs. The phone reduces both cabling at the desk and initial installation costs.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

3900 Series

The Cisco Unified SIP Phone 3905 includes the following features:

- Full-duplex speakerphone for 2-way conversations
- Built-in IEEE 10/100 switch to reduce desktop clutter and installation costs for desktop deployments
- Support for 2 concurrent calls per line with a busy trigger
- Graphical monochrome 2-line display
- Message-waiting indicator (MWI) light
- Volume control rocker
- Fixed feature keys for one-touch access to redial, transfer, hold/resume, mute, and speakerphone
- Single-fold foot stand for optimal viewing and comfortable use of keys

The Cisco SIP Phone 3905 can be the ideal solution for:

- Occasional-to-light voice communications
- Deployments where a headset is not required
- Settings where basic telephony feature capabilities meet your needs
- Environments where a basic level of endpoint security is sufficient

6900 Series

Figure 2. Compact, Eco-Friendly, and Cost-Effective



Cisco Unified IP Phone 6901

[Specialty-Use VoIP Communications](#)

[For Specialty-Use Settings](#)

Specialty-Use VoIP Communications

Cisco Unified IP Phones 6900 Series

The affordable Cisco Unified IP Phone 6900 Series delivers cost-effective VoIP communication services for specialty, occasional-use settings. It offers a very sleek, trim, and Earth-friendly, ergonomic design.

For Specialty-Use Settings

Cisco Unified IP Phone 6901

The single-line Cisco Unified IP Phone 6901 (Figure 2) is an entry-level endpoint that is ideal for occasional-use, specialty settings such as:

- Lobbies
- Cafeterias
- Hallways
- Elevators
- Conference centers
- Hotel guest restrooms

The Cisco Unified IP Phone 6901 delivers a simple, intuitive user experience that includes:

- Fixed keys for hold, redial, and call waiting
- Message-waiting and incoming-call indication LEDs on its handset
- Two concurrent incoming calls when using the call-waiting feature
- Transfer and conference capabilities through a hook switch (users simply tap the hook switch to transfer a call)
- Easy viewing angles on desks using a folding foot stand
- Option for wall-mounting with third-party wall-mount plates
- Seven user-adjustable ringtones



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7800 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7800 Series

Figure 3. Cost-Effective, High-Quality, Secure Voice Communications



IP Phone 7800 Series

[Professional-Use VoIP Communications](#)

[For Light-Use VoIP Communications](#)

[Light-to-Moderate Use VoIP Communications](#)

[Moderate-to-Active Use VoIP Communications](#)

[Highly Active-Use VoIP Communications](#)

Professional-Use VoIP Communications

The Cisco IP Phone 7800 Series (Figure 3) delivers affordable, high-fidelity and secure Session Initiation Protocol (SIP)-based VoIP communications to help make your employees more productive in their day-to-day interactions and advance your business goals. Along with the [Cisco IP Phone 8800 Series](#), they deliver the best audiophile performance Cisco has delivered in an IP Phone to date, with state-of-art technology enhancements to both speaker and microphone.

The Cisco IP Phone 7800 Series is an ideal solution for customers who are interested in migrating from older analog and digital telephony desk endpoints to Cisco Unified Communications, as well as existing Cisco customers who wish to expand or update their investment in VoIP communications endpoints. Customers who have, or are exploring, hosted third-party call-control platforms also can take advantage of the IP Phone 7800 Series with planned software updates to select models². Small-to-large enterprise companies are well-suited for the Cisco IP Phone 7800 Series.

The 7800 Series³ supports secure connectivity for remote worker access to the Cisco network, such as for full-time teleworkers. [Cisco Expressway](#), which resides at the edge of your network, enables you to connect these workers without need for dedicated VPN hardware or a VPN client for the 7800 Series phone. Cisco Expressway makes it easier for remote workers to get up and running quickly (i.e., time-to-live), while reducing the costs of administration for IT.

The IP Phone 7800 Series introduces 4 models to the portfolio. The models range in their support, from a single-line model for users with light voice communications needs to a 16-line model for highly active users of VoIP communications.

²Contact your Cisco representative for timing details and supported third-party platforms. Telephony features may vary by platform vendor and customers are encouraged to engage their vendor of choice to determine supported features with the IP Phone 7800 Series and if these features shall meet their business needs.

³Support is provided on 7821, 7841, and 7861 endpoints with IP Phone software update 10-3-1-1 or later. The 7811 is also planned for support – contact your Cisco representative for timing details.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7800 Series

The IP Phone 7800 Series models offer the following features and capabilities as standard:

- High-fidelity audio (i.e., G.722 wideband) through speaker, handset, and headset for crystal-clear audio quality and performance on most models
- Grayscale, high-resolution liquid crystal displays on most models for easy viewing at a glance
- Fixed keys for common telephony features such as conference, transfer, hold/resume, directory, and services plus 2-way navigation button
- Single- and 2-position foot stands to optimize viewing angles under varied lighting conditions (model dependent)
- Programmable line/feature keys for flexibility in assigning lines or features, such as speed dials (number varies by phone model)
- Tricolor LEDs on programmable line keys for call-status notification at a glance
- Support for “VPN-less” connectivity with Cisco Expressway⁴
- Single- and multiple-call-per-line appearance capability, delivering more powerful and flexible call navigation and session management
- Four context-sensitive programmable soft keys for more dynamic feature interaction and enhanced user experience
- Full-duplex speakerphone, increasing personal productivity when engaged in multiparty conversations
- Electronic hook switch for enhanced call management (initiate, answer, end, and mute calls) through third-party headsets by using IP Phone 7800 Series auxiliary ports (most models)
- IEEE-integrated switches to reduce costs of infrastructure to the desk by routing PC traffic through the 7800 Series endpoint (speed varies by endpoint model)
- Low power consumption as IEEE Power over Ethernet (PoE) Class 1 devices for all models
- Power-save option on most models that can reduce power consumption, in off hours, up to 60 percent versus the phone in idle state with Cisco EnergyWise™ technology
- Color options of charcoal and white available on most models

⁴IP Phone 7811 support on Cisco Expressway is planned. Please contact your Cisco representative for timing details.

[Professional-Use VoIP Communications](#)

[For Light-Use VoIP Communications](#)

[Light-to-Moderate Use VoIP Communications](#)

[Moderate-to-Active Use VoIP Communications](#)

[Highly Active-Use VoIP Communications](#)



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7800 Series

Optional features of the Cisco IP Phone 7800 Series include:

- **Wall-mount kit:** Kits are available for each model (ordered separately)
- **Bezel customization:** You can replace the standard black bezel with a silver bezel (most models)

The Cisco IP Phone 7800 Series supports multiple-call-per-line appearance on all models. With this feature, you can take advantage of more sophisticated call-navigation capabilities with support for multiple call sessions on a per-line basis. For example, on the 2-line IP Phone 7821, you can be on an active call and navigate to pick up a second incoming call on the same line, while the first call is automatically placed on hold. You can then switch back and forth between these two call sessions as required. This capability offers your organization sophisticated and powerful communication options that are not typically available from traditional telephony devices.

[Professional-Use VoIP Communications](#)

[For Light-Use VoIP Communications](#)

[Light-to-Moderate Use VoIP Communications](#)

[Moderate-to-Active Use VoIP Communications](#)

[Highly Active-Use VoIP Communications](#)



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7800 Series

Figure 4. For Light Voice Communication Needs



IP Phone 7811 in Charcoal

- [Professional-Use VoIP Communications](#)
- [For Light-Use VoIP Communications](#)
- [Light-to-Moderate Use VoIP Communications](#)
- [Moderate-to-Active Use VoIP Communications](#)
- [Highly Active-Use VoIP Communications](#)

For Light-Use VoIP Communications

Cisco IP Phone 7811

The single-line Cisco IP Phone 7811 (Figure 4) is ideal for information workers and teleworkers with light VoIP communication needs.

It delivers a narrowband audio experience as standard. A wideband handset is available as an option for customers who wish to enhance their audio experience across the range of highs to lows.

The 7811 comes with an IEEE 10/100 integrated switch to support a co-located PC.

The display is 3.28-inch (8.3 cm) monochrome.

A wall-mount kit is optionally available for the 7811 to support spaces without a desk or where desk space is limited.

The 7811 is available in charcoal and comes with a single-position footstand.

The 7811 endpoint offers support for text-based Extensible Markup Language (XML) and Computer Telephony Integration (CTI) applications.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7800 Series

Figure 5. For Light-to-Moderate Voice Communications



Cisco IP Phone 7821 in Charcoal and White

[Professional-Use VoIP Communications](#)

[For Light-Use VoIP Communications](#)

[Light-to-Moderate Use VoIP Communications](#)

[Moderate-to-Active Use VoIP Communications](#)

[Highly Active-Use VoIP Communications](#)

Light-to-Moderate Use VoIP Communications

Cisco IP Phone 7821

The 2-line Cisco IP Phone 7821 (Figure 5) is an ideal choice for information workers and teleworkers. It is well-suited for users who have light-to-moderate VoIP communications needs.

The 7821 has a 3.5-inch (8.9 cm) graphical, grayscale, 396 x 162 pixel-based display and is backlit.

It comes standard with an IEEE 10/100 integrated switch to support traffic from a co-located PC.

The 2 programmable line/feature keys feature tricolor LEDs that provide call status notification at a glance.

As options, a wall-mount kit is available for the 7821 for areas without desks or where desk space is limited. A replaceable silver bezel is also available for customers who wish to change out the black that comes standard with the endpoint.

The 7821 is available in charcoal and white. It comes with a 2-position footstand.

The 7821 will support third-party hosted call control with its SIP interoperability⁵.

⁵A firmware update 10-3-1-1 or later is needed for support of third-party call control. Features supported may vary by third-party vendor. Customers are encouraged to consult their vendor of choice to ensure feature support meets their business needs. Contact your Cisco representative for timing availability details.

7800 Series

Figure 6. For Moderately-Active Users



Cisco IP Phone 7841 in Charcoal and White

[Professional-Use VoIP Communications](#)

[For Light-Use VoIP Communications](#)

[Light-to-Moderate Use VoIP Communications](#)

[Moderate-to-Active Use VoIP Communications](#)

[Highly Active-Use VoIP Communications](#)

Moderate-to-Active Use VoIP Communications

Cisco IP Phone 7841

The 4-line Cisco IP Phone 7841 (Figure 6) is an ideal endpoint for moderately active voice users. It is well-suited for knowledge workers, administrative staff, managers, customer care agents, and supervisors who have moderate-to-active VoIP communications needs.

The 7841 has a 3.5-inch (8.9 cm) graphical, grayscale, 396 x 162 pixel-based display and is backlit.

The 4 programmable line/feature keys feature tricolor LEDs that provide call-status notification at a glance.

As options, a wall-mount kit for the 7841 is available for areas without desks or where desk space is limited. A replaceable silver bezel is also available for customers who wish to change out the black that comes standard with the endpoint.

The 7841 is available in charcoal and white. It comes with a 2-position footstand.

The 4 programmable line/feature keys come with tricolor LEDs to see call status at a glance.

The Cisco IP Phone 7841 also comes standard with an IEEE PoE 10/100/1000 switch (Gigabit Ethernet) that supports the traffic from a co-located PC.

The 7841 will support third-party hosted call control with its SIP interoperability⁶.

⁶A firmware update 10-3-1-1 or later is required to support third-party call control. Features may vary by vendor platform. Customers are encouraged to consult their vendor of choice to ensure feature support meets their business needs. Contact your Cisco representative for timing availability details.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7800 Series

Figure 7. For Highly-Active Users



Cisco IP Phone 7861 in Charcoal and White

[Professional-Use VoIP Communications](#)

[For Light-Use VoIP Communications](#)

[Light-to-Moderate Use VoIP Communications](#)

[Moderate-to-Active Use VoIP Communications](#)

[Highly Active-Use VoIP Communications](#)

Highly Active-Use VoIP Communications

Cisco IP Phone 7861

The 16-line Cisco IP Phone 7861 (Figure 7) is designed for employees with active VoIP communications needs. It is well-suited for administrative staff, managers, customer care agents, and supervisors.

The 7861 has a 3.5-inch (89 mm) graphical, grayscale, 396 x 162 pixel-based display and is backlit.

The 16 programmable line/feature keys offer tricolor LEDs to provide call-status identification at a glance.

An integrated IEEE 10/100 Ethernet switch supports the traffic from a co-located PC.

The Cisco IP Phone 7861 also includes a customizable, paper-label insert that can be locally printed for one-touch access to staff you contact frequently or other communications features. A clear film strip protects the paper label from dirt, spills, etc.

As options, a wall-mount kit for the 7861 is available for areas without desks or where desk space is limited. A replaceable silver bezel is also available for customers who wish to change out the black that comes standard with the endpoint.

The 7861 will support third-party hosted call control with its SIP interoperability⁷.

⁷A firmware update 10-3-1-1 or later is required to support third-party call control. Features may vary by vendor platform. Customers are encouraged to consult their vendor of choice to ensure feature support meets their business needs. Contact your Cisco representative for timing availability details.

7900 Series

Figure 8. Large Display Screens, Rich Graphics, More Information



IP Phone 7900 Series

[General Business VoIP Communications](#)

[General Business Voice-focused Endpoints](#)

[Ruggedized In-Campus Mobility](#)

[Enhanced Access and Scalability](#)

General Business VoIP Communications

Cisco Unified IP Phones 7900 Series

If your business requires high-quality voice, access to color displays and Gigabit Ethernet on select models, ruggedized voice-centric handsets for wireless LAN networks, and support for third-party endpoint XML-based applications, the Cisco IP Phone 7900 Series is a portfolio for you to consider. The 7900 Series supports knowledge workers, administrative staff, managers, and executives with general business VoIP communication needs.

The Cisco IP Phones 7900 Series (Figure 8) deliver these capabilities and enhance productivity with support for multiple-call-per-line appearance on select models. With multiple-call-per-line appearance, you can take advantage of more sophisticated call-navigation capabilities with support for multiple call sessions on a per-line basis. As a simple example, on a 2-line endpoint, you could be on an active call and navigate to pick up a second incoming call on the same line, while the first call is automatically placed on hold.

You can then switch back and forth between these two call sessions as required. This capability offers your organization sophisticated and powerful communication options that are not typically available from traditional telephony or hybrid systems.

Businesses that integrate custom and ready-to-use IP endpoint applications into their IP phones can:

- Reduce operating and administration costs.
- Increase revenue.
- Improve employee productivity.
- Enhance customer satisfaction and loyalty.
- Transform business processes.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7900 Series

Figure 9. High-Definition Audio, Rich Display Experience, High-Speed Connectivity



IP Phone 7945G, 7965G, and 7975G

[General Business VoIP Communications](#)

[General Business Voice-focused Endpoints](#)

[Ruggedized In-Campus Mobility](#)

[Enhanced Access and Scalability](#)

General Business Voice-focused Endpoints

Cisco IP Phone 7942G, 7945G, 7962G, 7965G, and 7975G Endpoints

These endpoints (Figure 9) come standard with speakerphones and handsets to support wideband audio. An expanded application suite includes support for XML applications. All support Gigabit Ethernet-integrated switches to reduce cabling at the desktop and installation costs. The 7945, 7965, and 7975 support backlit color displays.

The Cisco IP Phone 7942G has:

- Two programmable backlit line/feature keys for quick access to communications
- A 5-inch (12.7 cm), high-resolution, 320- x 222-pixel graphical, grayscale display
- Wideband audio support on headset, handset, and full-duplex speakerphone
- Integrated IEEE 10/100 switch ports, which support the switching of multimedia traffic from a co-located PC

The Cisco IP Phone 7945G builds on the capabilities of the Cisco IP Phone 7942G endpoint and includes:

- A 5-inch (12.7 cm), backlit, high-resolution, 320- x 240-pixel graphical color display
- Accelerated connectivity with the addition of Gigabit Ethernet switch ports to support bandwidth-intensive applications from a co-located PC
- Four-way navigation cluster plus a select key, which allow you to scroll vertically and horizontally when navigating menus and directories

The Cisco IP Phone 7962G includes:

- Six programmable backlit line/feature keys for quick access to communications
- A 5-inch (12.7 cm), high-resolution, 320- x 222-pixel graphical, grayscale display
- Wideband audio support for headset, handset, and full-duplex speakerphone
- Integrated IEEE 10/100 switch to support switching of traffic from a co-located PC



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7900 Series

The Cisco IP Phone 7965G builds on the capabilities of the Cisco IP Phone 7962G endpoint, with:

- A 5-inch (12.7 cm), backlit, high-resolution, 320- x 240-pixel graphical color display
- Accelerated connectivity with the addition of Gigabit Ethernet switch ports to support bandwidth-intensive applications from a co-located PC
- Four-way navigation cluster plus a select key, which allow you to scroll vertically and horizontally when navigating menus and directories

The Cisco IP Phone 7975G builds on the features of the 7965G with:

- Eight programmable backlit line/feature keys for quick access to communications
- A 5.6-inch (14.2 cm), high-resolution, 320- x 240-pixel graphical color display with touchscreen

[General Business VoIP Communications](#)

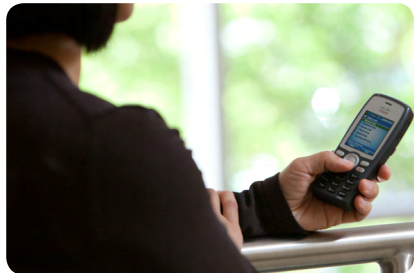
[General Business Voice-focused Endpoints](#)

[Ruggedized In-Campus Mobility](#)

[Enhanced Access and Scalability](#)

7900 Series

Figure 10. Robust Features, Wired-Equivalent Capabilities, Easily Programmed



IP Phone 7925G

[General Business VoIP Communications](#)

[General Business Voice-focused Endpoints](#)

[Ruggedized In-Campus Mobility](#)

[Enhanced Access and Scalability](#)

Ruggedized In-Campus Mobility

Cisco Wireless IP Phones endpoints are for people who need to move about their workspace, within the campus or when teleworking at home. They are designed for more demanding environments, such as those found in healthcare, retail, manufacturing and oil and chemical industries. They offer ruggedized exteriors to guard against breakage when dropped, swappable and chargeable batteries, dust and water intrusion protection, and a comprehensive suite of Cisco unified communications features.

Cisco offers 3 wireless IP endpoints that deliver many of the same robust features and capabilities as equivalent wired Cisco IP Phones 7900 Series endpoints. You can program these phones with 6 lines or a combination of lines and features.

The Cisco Wireless IP Phone 7925G (Figure 10), 7925G- EX, and 7926G endpoints all include:

- A 2-inch (5.1 cm) 176- x 220-pixel color display

- Built-in full-duplex wideband audio speakerphones for high-quality, hands-free communications
- High-fidelity voice for exceptional voice quality
- Dedicated mute and volume buttons
- Support for 802.11a, b, and g protocols
- Fast roaming and extension mobility
- XML-enabled applications such as displayed text and graphics-based messages and push-to-talk for a walkie-talkie-like experience
- “Office extend,” which enables you to access the same set of Cisco Unified Communications features you enjoy at work when you are at home
- Quality-of-service (QoS) assurance
- Robust wireless and voice security features with multiple standards

7900 Series

Figure 11. Rugged, Feature-rich, and Certified for Deployment in Industrial Environments



IP Phone 7925G-EX

- [General Business VoIP Communications](#)
- [General Business Voice-focused Endpoints](#)
- [Ruggedized In-Campus Mobility](#)
- [Enhanced Access and Scalability](#)

Features of the compact and easy-to-hold Cisco Wireless IP Phone 7925G include:

- A ruggedized exterior that meets the military standard (MIL-STD 810F) for shock resistance
- Compliance with Ingress Protection Code (IP54) for dust and water resistance
- Bluetooth v2.0 headset profiles, delivering added freedom from wires
- Expanded battery life that delivers a minimum of 13 hours talk time and up to 240 hours of standby time

The Cisco Wireless IP Phone 7925G-EX (Figure 11) builds upon the capabilities of the 7925G and extends Cisco Collaboration capabilities to hazardous environments. This rugged, feature-rich IP phone provides rich-media, collaborative communications specifically for mobile workers, and is certified for deployment in more challenging industrial environments such as oil refineries and chemical, utility, and manufacturing facilities.

The Cisco Wireless IP Phone 7925G-EX incorporates industry-standard yellow plastics for fast recognition in emergencies. The phone is designed with employee safety in mind. Certifications include:

- Atmospheres Explosibles (ATEX) Zone 2/Class 22 certification, which protects employees from explosion risk in areas with an explosive atmosphere by preventing ignition of gas vapors by the phone
- Canadian Standards Association (CSA) Class 1 Division 2 certification, which permits use of the phone in an environment where explosive gases are periodically present
- Ingress Protection Code (IP64) rating, which means the device is sealed against dust and water
- An applications key that provides direct access to productivity-building applications such as push-to-talk and Lone Worker



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

7900 Series

Figure 12. 2D Bar Scanner, Desktop Docking Station, and Support for Gigabit Ethernet



IP Phone 7926G

The Cisco Wireless IP Phone 7926G (Figure 12) builds upon the features of the 7925G. It includes the addition of a 2-dimensional (2D) EA11 bar-code scanner. Unlike a one-dimensional (1D) bar-code scanner, which typically uses a laser to read the bar code, the 2D scanner uses LEDs to illuminate the image and take a picture. The phone then decodes the image and presents the barcode information to the back-end systems application. The addition of the 2D scanner makes the Cisco Wireless IP Phone 7926G ideal for environments that require scanning capability and unified communications in a single, cost-effective device. This device consolidation increases productivity, reduces total cost of ownership (TCO), and enhances responsiveness in customer interactions.

[General Business VoIP Communications](#)

[General Business Voice-focused Endpoints](#)

[Ruggedized In-Campus Mobility](#)

[Enhanced Access and Scalability](#)

7900 Series

Figure 13. Scalable, Maximized Call Coverage, Personalized Communications



IP Phone Expansion Module 7916 with IP Phone 7975

Enhanced Access and Scalability

Cisco IP Phone Expansion Modules 7915 and 7916 offers extended call-coverage capabilities for administrative personnel with 2 expansion modules: the Cisco IP Phone 7975 and the Cisco IP Phone Expansion Module 7916 (Figure 13).

With these modules, you can monitor and manage call status with additional buttons and an LCD screen. You can instantly determine the status of numerous lines beyond the number of lines supported on Cisco IP Phone 7962G, 7965G, and 7975G endpoints.

[General Business VoIP Communications](#)

[General Business Voice-focused Endpoints](#)

[Ruggedized In-Campus Mobility](#)

[Enhanced Access and Scalability](#)

8800 Series

Figure 14. Next-Generation Voice Communications for Today's Workforce



Cisco IP Phone 8800 Series in Charcoal and White

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

Next-Generation Video and Voice Communications

Cisco IP Phone 8800 Series

The Cisco IP Phone 8800 Series (Figure 14) is the advanced endpoint portfolio that delivers ease of use with superior performance. With the IP Phone 8800 Series, your business can benefit from cost-effective, reliable, secure, and scalable high-definition voice over IP communications. On select models, you can also get entry to 720p high-definition (HD) video communications and telephony feature integration support with Cisco Intelligent Proximity for Mobile Voice, when using personal mobile devices.

Seven models are available with the IP Phone 8800 Series that range in their support to address the needs of knowledge workers, managers, executives, customer care staff and specialty deployments such as conference rooms. These phones include desk models 8811, 8841, 8845, 8851, 8861, 8865, and the IP Conference Phone 8831 for executive offices and small-to-large conference rooms. The 8845 and 8865 support entry to 720p HD video.

With the 8800 Series and video, you can:

- Elevate and personalize communications to improve the quality and speed of decision making.
- Enhance collaboration between geographically dispersed teams and workgroups to accelerate team performance.
- Enable busy employees to meet “face-to-face” from “place-to-place” without ever leaving their offices.
- Scale compelling integrated collaboration experiences across your organization quickly and cost-effectively.
- Collaborate with confidence – within your business and between businesses.

The 8800 Series, along with the 7800 Series described earlier in this brochure, are the best audio-performing IP phones Cisco has ever delivered. Wideband (G.722) audio is supported on all models and the 8811, 8841, 8845, 8851, 8861, and 8865 endpoints are hardware-enhanced for higher performance

8800 Series

Figure 15. Bring Desktop and Mobile Closer Together



Cisco Intelligent Proximity for Mobile Voice and IP Phone 8861

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

on echo cancellation, meeting European Telecommunications Standards Institute (ETSI) compliance. In addition, vibration isolation of the hardware has been applied to both speakers and microphones, resulting in a higher-quality communications experience.

With Cisco Intelligent Proximity for Mobile Voice (Figure 15), Cisco is bringing the worlds of desktop and mobile closer together to support how your workforce wishes to work. First introduced with the Cisco DX650, these capabilities have been extended to the Cisco IP Phone portfolio with the IP Phone 8845, 8851, 8861, and 8865 models. This support includes importing of contacts and call history, along with the ability to move the audio path of active voice and video calls to these phones to enjoy the superior acoustical properties they can deliver. Support of personal mobile devices is OS-independent and the personal devices can be either smartphones or tablets.

While not a feature of Cisco Intelligent Proximity, because the IP Phone 8851, 8861, and 8865 models offer USB support, you can

even charge your personal mobile devices from a USB port on these phones as an added convenience when you are at your desk. The IP Phone 8851 supports smartphone charging. The IP Phones 8861 and 8865 support both smartphone and tablet charging.

Most models of the Cisco IP Phone 8800 Series support multiple-call-per-line appearance. With multiple-call-per-line appearance, you can take advantage of more sophisticated call-navigation capabilities with support for multiple call sessions on a per-line basis. For example, you can be on an active call and navigate to pick up a second incoming call on the same line, while the first call is automatically placed on hold. You can then switch back and forth between these 2 call sessions as required. This capability offers your organization sophisticated and powerful communication options that are not typically available from other communication systems. Single-call-per-line appearance is supported on all models.

8800 Series

Figure 16. Increase Productivity with High-Quality Voice Communications



Cisco IP Phone 8851

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

The 8800 Series supports secure connectivity for remote worker access to the Cisco network, such as for full-time teleworkers. [Cisco Expressway](#), which resides at the edge of your network, enables you to connect these workers without need for dedicated VPN hardware or a VPN client for the 8800 Series phone⁸. Cisco Expressway makes it easier for remote workers to get up and running quickly (i.e., time-to-live), while reducing the costs of administration for IT.

Common user features to the IP Phone 8811, 8841, 8845, 8851 (Figure 16), 8861, and 8865 models follow:

- Support for up to 5 lines and both single- and multiple-call-per-line appearance for added flexibility in call management
- More intuitive, easier-to-use experience with the highest-resolution, backlit, graphical widescreen VGA, 800- x 480-pixel displays in the Cisco IP Phone portfolio (grayscale or color is model-dependent)

- Increased productivity with easier navigation of menus and call-transaction status using the 5-way navigation cluster and 4 context-sensitive soft-label keys
- Enhanced tactile feel and reduced errant dialing with rounded ergonomic fixed keys
- Fixed keys for commonly used functions including messaging, directory, services, transfer, conference, mute, headset, speakerphone, hold, and release
- Replaceable silver bezel option for the black bezel that comes standard with these phones

IT features common to the IP Phone 8811, 8841, 8845, 8851, 8861 and 8865, unless otherwise noted, include:

- Flexible deployment options with support from Cisco communication servers, whether on-premises or in the cloud and third-party hosted call-control platforms⁹

⁸ Support is provided on most 8800 Series endpoints with IP Phone software update 10.3.1 or later, except for the 8845 and 8865. These videophones are planned for support – contact your Cisco representative for timing details.

⁹ Contact your Cisco representative for availability timing details and supported third-party hosted call-control platforms. Features may vary by vendor. Customers are encouraged to consult their third-party call-control vendor of choice to inquire about features supported with the IP Phone 8800 Series.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

8800 Series

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

- Support for 802.3af/at PoE to reduce installation and infrastructure costs by eliminating or reducing the need for local power supplies
- Gigabit Ethernet-integrated switches on all models to reduce IT administration and cabling costs at the desk while efficiently and effectively processing the traffic from a co-located multimedia PC
- Integrated VPN client to help keep conversations private
- Support for Cisco Expressway enabling “VPN-less” client connectivity to the network for remote workers (future support planned on 8845 and 8865 models with a firmware update)
- Reduced energy costs and carbon footprint in off-work hours with support from [Cisco EnergyWise](#)® technology
- SIP for greater interoperability and flexibility
- Optional wall-mount kit to deploy in more space-constrained environments

8800 Series

Figure 17. Voice Communications to Boost Productivity



Cisco IP Phone 8811 in Charcoal and White

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

VoIP Communications to Boost Productivity

Cisco IP Phone 8811

The Cisco IP Phone 8811 (Figure 17) delivers highly secure and powerful mission-critical VoIP communications that are easy to use. The 8811 is ideal for knowledge workers and teleworkers in small to large enterprises. With its support of [Cisco EnergyWise](#) technology, the 8811 is a Class 2 PoE device so it is both cost-effective and Earth-friendly.

Unique to the Cisco IP Phone 8811 is a 5-inch (12.7 cm), backlit, graphical, grayscale widescreen VGA display (800 x 480 pixels).

8800 Series

Figure 18. High-Quality, 360-Degree Hands-Free Communications



Cisco IP Conference Phone 8831

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

High-Performance Audio Conferencing

Cisco Unified IP Conference Phone 8831

The Cisco Unified IP Conference Phone 8831 (Figure 18) facilitates a more productive in-room and executive office conferencing experience. Designed specifically for use in small to large conference rooms and executive offices, it delivers “as good as being there” acoustical performance with crisp highs and clear lows.

Features include:

- Superior HD audio performance: The full-duplex wideband (G.722), dual-element, hands-free speaker helps improve productivity for mission-critical communications.
- Enhanced room coverage: You can tether, or daisy-chain together, up to a maximum of 2 base units, for greater 360-degree coverage for small to large conference rooms and executive offices up to 1140 square feet (109 square meters).
- Real-world convenience: The phone has a wired control panel with dial pad, enabling flexible support in meetings with more than

one chairperson – even when they are seated apart from each other. Users simply rotate the control unit toward the chairperson for quick, convenient access.

- Room deployment flexibility: With support for Digital Equipment Cordless Technology (DECT), optional wireless extension microphones and wireless microphone charging stations can now be deployed. Wireless microphones are useful in larger conference rooms and executive offices where microphones can be easily relocated to accommodate multiple participants. There is also optional support from wired extension microphones for non-DECT environments.
- Support for third-party hosted call-control servers, including Broadsoft, Asterisk, Metaswitch, and Ring Central.

The wired control panel houses the LCD display, which is a 3.25-inch (8.3 cm), backlit, grayscale, 396- x 162-pixel display.

As with the other endpoints in the IP Phone 8800 Series, the IP Phone 8831 can secure communications with its support of AES 128-bit encryption on the device.

8800 Series

Figure 19. Easy-to-Use with Vibrant Color Display



Cisco IP Phone 8841 in Charcoal and White

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

VoIP Communications to Enhance Collaboration

Cisco IP Phone 8841

The Cisco IP Phone 8841 (Figure 19) builds upon the features of the IP Phone 8811. It delivers superior voice communications that can enhance collaboration throughout your entire organization. It is ideally suited for knowledge workers and teleworkers, whether on-premises or remote.

The 8841 comes standard with a 5-inch (12.7 cm) color, backlit, graphical widescreen VGA (800 x 480 pixels) display.

As a PoE Class 2 device, it is both cost-effective and Earth-friendly.

8800 Series

Figure 20. Meet Face-to-Face Regardless of Place



Cisco IP Phone 8845 in Charcoal and White

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

Entry to HD Desktop Video Collaboration

Cisco IP Phone 8845

The Cisco IP Phone 8845 (Figure 20) builds upon the features delivered with the IP Phone 8841.

Notable additions include:

Affordable 720p HD H.264 AVC video communications enabling all users within your organization to participate in video conversations.

Supports Bluetooth for user choice in third-party headsets.

Cisco Intelligent Proximity for Mobile Voice for telephony feature integration with personal mobile devices, such as smartphones and tablets.

8800 Series

Figure 21. Integrates with Personal Mobile Devices



Cisco IP Phone 8851 in Charcoal and White

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

Bring Desk and Mobile Experiences Closer Together

Cisco IP Phone 8851

The Cisco IP Phone 8851 (Figure 21) also builds upon the features delivered with the IP Phone 8841. It supports Cisco Intelligent Proximity for Mobile Voice to integrate telephony features with your personal smartphone or tablet, when in range of the 8851 at the desk. As an added convenience, the IP Phone 8851 is able to charge personal smartphones through its standard USB port.

The 8851 is also the first model in the 8800 Series to support the optional IP Phone 8800 Key Expansion Module. The 8851 supports up to 2 modules, for an additional 72 programmable line/feature keys. Key Module support adds to your scalability and return on investment (ROI) beyond that made in the 8851 phone.

8800 Series

Figure 22. Enjoy Integrated Desk and Mobile Voice Communications



Cisco IP Phone 8861 in Charcoal and White

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

Share Telephony Experiences between Desk and Mobile

Cisco IP Phone 8861

The Cisco IP Phone 8861 (Figure 22) delivers all of the features of the IP Phone 8851 and adds:

Two USB ports, one of which can fast-charge tablets in addition to smartphones for added convenience when at the desk.

For headquarters or branch offices whose campuses are wireless-enabled, the IP Phone 8861 also supports 802.11a/b/g/n/ac protocols. This adds flexibility and reduces costs of installation and administration and minimizes cabling at the desk.

The 8861 supports up to 3 IP Phone 8800 Key Expansion Modules, which adds up to 108 additional programmable line/feature keys to the 5 that come standard with the 8861. This gives you further scalability and increases the return on your investment (ROI) in 8861 phones.

8800 Series

Figure 23. Enhance Team Collaboration and Accelerate Decision Making



Cisco IP Phone 8865 in Charcoal and White

- [Next-Generation Video and Voice Communications](#)
- [VoIP Communications to Boost Productivity](#)
- [High-Performance Audio Conferencing](#)
- [VoIP Communications to Enhance Collaboration](#)
- [Entry to HD Desktop Video Collaboration](#)
- [Bring Desk and Mobile Experiences Closer Together](#)
- [Share Telephony Experiences between Desk and Mobile](#)
- [Elevate Collaboration with Entry to HD Desktop Video](#)
- [Add Convenience and Extend Investment](#)

Elevate Collaboration with Entry to HD Desktop Video

Cisco IP Phone 8865

The Cisco IP Phone 8865 (Figure 23) builds upon all of the features delivered with the IP Phone 8861.

It also adds affordable 720p HD video communications, enabling all users within your organization to connect face-to-face, even when remote, from their desktops.

8800 Series

Figure 24. Simplify Administrative and Managerial Communications



Cisco IP Phone 8800 Series Key Expansion Module with IP Phone 8861

[Next-Generation Video and Voice Communications](#)

[VoIP Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

[VoIP Communications to Enhance Collaboration](#)

[Entry to HD Desktop Video Collaboration](#)

[Bring Desk and Mobile Experiences Closer Together](#)

[Share Telephony Experiences between Desk and Mobile](#)

[Elevate Collaboration with Entry to HD Desktop Video](#)

[Add Convenience and Extend Investment](#)

Add Convenience and Extend Investment

Cisco IP Phone 8800 Key Expansion Module

For administrative staff, managers, executives, customer care, and help desks in retail or work areas with shift workers in healthcare, the addition of optional Cisco IP 8800 Key Expansion Modules (Figure 24) for IP Phone 8851, 8861, and 8865 models can enhance your experiences with added convenience, while extending your initial return on investment in the 8800 Series IP phone.

These modules, specific to the IP Phone 8800 Series, enable you to take advantage of additional programmable, customizable line and feature keys. Capabilities such as speed dials for “single button push to contact” and shared lines (where administrative staff can pick up calls for managers who may be on the phone or departmental colleagues who may be away from their desk) are examples of use cases.

Each IP Phone 8800 Key Expansion Module has 18 physical keys and offers 2 page keys for a total of 36 keys per module. Up to 2 modules can be supported from the IP Phone 8851, resulting in an addition of 72 keys to the 5 that come standard with the 8851 phone. Up to 3 modules can be supported from the IP Phone 8861 and 8865, resulting in an addition of 108 keys to the 5 that come standard with these phones.

The display is 4.3 inches (10.9 cm), with a backlit, graphical color display (480 x 272 pixels). The font size has 2 configurable options to address preferences in viewing of key labels.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

8900 Series

Figure 25. Encourage Collaboration, Improve Company Efficiency, and Reduce Costs



Cisco Unified IP Phone 8945

General Business SD Desktop Video Communications

Cisco Unified IP Phones 8900 Series

If you are looking for ways to widely encourage collaboration and improve company efficiency and productivity while reducing operating costs, the Cisco Unified IP Phone 8900 Series can help you do it all. This business collaboration endpoint is ideal for knowledge professionals, managers, and executives who seek an affordable, multimedia experience with support of Cisco VoIP and standard-definition (SD) video communications.

The Cisco Unified IP Phone 8900 Series supports XML applications, which can help your company address business processes in new ways, reduce operating and administration costs, and boost productivity. (For more information about XML applications, see the [“IP Endpoint Multimedia Applications”](#) section of this brochure).

Cisco IP Phone 8945

For customers seeking endpoints with affordable, built-in SD video capability, the Cisco IP Phone 8945 (Figure 25) could be a solution for you.

The Cisco IP Phone 8945 features:

- **A high-resolution, rich-media display:** The large 5-inch (12.7 cm), 640- x 480-pixel VGA color display is backlit and fully adjustable for easy viewing under varied lighting conditions.
- **Advanced call navigation:** A 3-way navigation cluster plus a select key enable vertical and horizontal scrolling.
- **Crystal-clear communications:** Wideband audio and full-duplex speakerphone deliver exceptional voice quality.
- **Streamlined access to frequently used features:** 4 programmable feature keys and 4 programmable soft keys streamline communications and increase productivity.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

8900 Series

- **Quick call-status identification:** The phone has 4 illuminated programmable line/feature keys.
- **Fixed feature keys:** Fixed keys include keypad, media, conference, transfer, hold, back, end call, applications, directories, and voicemail.
- **Support for PC co-location:** Integrated IEEE 10/100 MB network and PC ports reduce costs, enabling co-location of a PC.
- **Gigabit Ethernet switch:** An integrated IEEE 10/1000/1000 switch supports co-location of a multimedia PC. The 8945 model is an IEEE PoE Class 2 device.
- **Bluetooth integration:** Support for hands-free profile delivers additional freedom and convenience with access to peripherals such as Bluetooth headsets.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

9900 Series

Figure 26. Interactive Video, High-Quality Communications, Affordable and Scalable



Cisco Unified IP Phones 9900 Series

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)

Professional SD Desktop Video Communications

Cisco Unified IP Phones 9900 Series

Video is personal and efficient, and it can be everywhere with the Cisco Unified IP Phones 9900 Series (Figure 26). It transforms your phone into a full-featured SD video phone.

With the Cisco Unified IP Phones 9900 Series, Cisco combines high-quality VoIP communications with video communications that are ideal for knowledge professionals, managers, and executives who seek greater productivity with a collaborative multimedia experience. The 9900 Series supports interactive, high-quality, business-grade SD video, enabled directly from the optional Cisco Video Camera. (Note: Multiparty video support may require a customer-supplied multipoint control unit (MCU)).



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

9900 Series

In addition to SD video, Cisco Unified IP Phones 9900 Series endpoints take advantage of the suite of features and applications in Cisco Unified Communications. They also have access to the portfolio of XML applications that can help you transform business processes, reduce operating and administration costs, and boost productivity.

- **Personalized collaborative communications with video:** Interactive, high-quality business video accelerates decision making.
- **Clean, uncluttered communications:** An elegant, ergonomic, user- and ecofriendly design makes navigation easy and enhances interactions. Rounded ergonomic keys provide an enhanced tactile feel that improves accuracy in interaction.
- **Enhanced viewing:** Backlit, 5-inch (12.7 cm) high-resolution color displays enhance the user experience. Displays are fully adjustable for easy viewing at a variety of angles and under a variety of lighting conditions.

- **Greater freedom, choice, and convenience:** With support for Bluetooth hands-free profile and dual standard USB 2.0 ports, you can take advantage of peripherals such as USB wired and Bluetooth headsets.
- **Crisper, clearer audio performance:** Wideband audio provides superior audio performance with high-quality performance for headset, handset, and on speaker, so everyone – even international callers – can distinguish the difference between an “f” and an “s” and the difference between an “m” and an “n.” This level of performance reduces user fatigue and increases productivity.

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

9900 Series

With the Cisco Unified IP Phones 9900 Series, Cisco continues its ongoing commitment to green solutions. We use reground and recyclable plastics to manufacture the phones. The Cisco Unified IP Phones 9900 Series endpoints can help organizations reduce costs in numerous ways, including:

- **Energy cost savings:** In off hours, a Cisco EnergyWise power-save option reduces power consumption by up to 90 percent (compared to the active state of the phone during the work day). This reduced power consumption can provide ongoing savings across your organization.
- **Reduced infrastructure costs:** Gigabit switch ports support a high-speed network connection and co-location of a multimedia PC, so PC traffic can run through the switch port of the phone and only one cable drop is required back to the wiring closet.

- **Easy and cost-effective scalability:** The Cisco IP Color Key Expansion Module supports easy expansion of programmable line and feature keys. Instead of provisioning additional phones in busy environments, simply add an expansion module to your Cisco Unified IP Phones 9900 Series endpoints.

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

9900 Series

Figure 27. Interactive Video, Rich Multimedia Applications, Superior Audio



Cisco Unified IP Phone 9951

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)

SD Video Communications for Better Collaboration

Cisco Unified IP Phone 9951

High-quality, interactive SD video can accelerate business success. The Cisco IP Phone 9951 delivers it directly to your desktop phone (Figure 27).

The Cisco IP Phone 9951 also features:

- **A rich-media display:** The large 5-inch (12.7 cm), high-resolution 640- x 480-pixel VGA, vibrant, graphical, color display is backlit and fully adjustable for easy viewing under varied lighting conditions.
- **At-a-glance functions:** 10 tricolor illuminated LED line, feature, and session keys support at-a-glance indication of caller session status for both primary and shared lines. This feature simplifies the user experience and increases productivity. You can program 5 keys for line appearances or calling features. The other 5 keys are session keys that provide call details about each session.

- **Streamlined user experience:** 4 programmable soft-label keys deliver fast access to commonly used telephony functions such as conference, transfer, and hold.
- **Easy and cost-effective scalability:** The Cisco IP Phone 9951 supports up to 2 Cisco IP Color Key Expansion Modules for expansion of programmable line and feature keys.

Cisco Unified IP Phone 9951 endpoints are available in charcoal with slimline and standard handset styles that increase comfort and choice.

9900 Series

Figure 28. Integrated Wireless Communications, Touchscreen Convenience, Multiparty Collaboration



Cisco Unified IP Phone 9971

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)

Transform Communications with SD Video

Cisco Unified IP Phone 9971

This endpoint can transform communications by enabling video collaboration directly from the IP endpoint (Figure 28). Without the expense of live onsite meetings, interactive video can help you deliver more compelling, engaging, and effective communications than voice-only and text-centric communications.

The Cisco Unified IP Phone 9971 enables affordable interactive personal desktop video that can be easily scaled across the enterprise. The 9971 endpoint also features:

- **A rich-media display:** The large 5.6-inch (14.2 cm), high-resolution 640- x 480-pixel VGA display offers touchscreen functions for a premier user experience. The graphical, color display is backlit and fully adjustable for easy viewing under varied lighting conditions.
- **Built-in wireless communications:** Integrated 802.11a/b/g Wi-Fi radio reduces infrastructure costs through reduced cabling when deployed in voice-over-wireless LAN (VoWLAN) networks.

- **Touchscreen convenience:** 4 soft-label programmable touchscreen keys deliver fast access to features from Cisco Unified Communications.
- **At-a-glance functions:** 6 tricolor illuminated LED line, feature, and 6 session keys support at-a-glance status for primary and shared lines. You can program 6 keys for line appearances, speed dials, or calling features such as Call Park. The other 6 keys are session keys that provide call details on each session.
- **Easy expansion:** The Cisco Unified IP Phone 9971 supports up to 3 Cisco IP Color Key Expansion Modules for easy expansion of programmable line and feature keys.

Cisco Unified IP Phone 9971 endpoints are available in charcoal with slimline and standard handset styles that increase comfort and choice.

9900 Series

Figure 29. Personalize Communications, Accelerate Decision Making, Cost-Effective



Cisco Video Camera

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)

Extend SD Video across the Organization

Cisco Video Camera

Enable rich, interactive two- and multiparty SD video collaboration directly from your Cisco IP Phones 9900 Series endpoints with the Cisco Video Camera (Figure 29). (Note: Multiparty video may require a customer-supplied multipoint control unit). The camera has a compact, ergonomic design that transparently integrates into the 9900 Series ergonomic design for a very pleasing look. The camera delivers high-performance H.264 SD video communications up to 30 fps. (An auto-configuration option delivers a ready-to-use connection into the phone USB port).

The Cisco Video Camera personalizes and elevates communications by giving you:

- Flexibility to display full-screen and picture-in-picture for an enhanced experience
- Digital software, which enables pan, zoom, and tilt functions
- Video mute, which makes it possible to stop sending video at the local end



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

9900 Series

Figure 30. Extend Investment, Expand Touchpoints, Increase Scalability



Cisco Unified IP Color Key Expansion Module

[Professional SD Desktop Video Communications](#)

[SD Video Communications for Better Collaboration](#)

[Transform Communications with SD Video](#)

[Extend SD Video across the Organization](#)

[Maintain a Personal Touch](#)

Maintain a Personal Touch

Cisco Unified IP Color Key Expansion Module

This optional accessory is ideal for executives, managers, and administrative staff who wish to maintain a personal touch. Instead of provisioning additional endpoints, this module (Figure 30) enables you to add line and feature keys to the Cisco Unified IP Phone 9900 Series endpoint. You can use the expansion module to:

- Give your executives one-touch access to more staff members.
- Enable personnel to route incoming departmental calls to a single location, offering more personalized service.
- Help busy managers and administrative staff monitor line status for their teams and pick up calls if team members are unavailable or busy with another caller.

Each module provides 18 physical tricolor programmable keys. The Shift/Page key provides access to 18 additional programmable keys, for a total of 36 extra keys.

- The Cisco Unified IP Phone 9951 supports up to 2 expansion modules, for a total of 77 appearances.
- Cisco Unified IP Phone 9971 supports up to 3 expansion modules, for a total of 114 appearances.

This superior scalability reduces costs while increasing responsiveness in manager and administrative environments. The Cisco IP Color Key Expansion Module includes support for:

- Busy Lamp Field (BLF)
- Direct Station Selection (DSS)
- Auto-dial features



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

IP Endpoint Multimedia Applications

Multimedia Applications for Your Business

Cisco teams with Cisco Developer Network (CDN) partners to enhance the customer value of Cisco IP Phones by expanding the portfolio of endpoint applications made available to you. The result is more advanced capabilities with dynamic, intelligent application content that can help you meet the needs of your business both today and tomorrow.

Cisco has a robust ecosystem of third-party IP endpoint application developers. These technology partners give you access to a new world of value-added applications for your endpoints. This rich array of applications takes advantage of the latest technologies to maximize your Cisco IP endpoint investment¹⁰.

They can also make your company more competitive by helping you:

- Improve customer satisfaction
- Enhance business continuity
- Reduce administration costs
- Transform business processes

[Multimedia Applications for Your Business](#)

[XML Applications](#)

¹⁰ Consult the written datasheet for your Cisco IP Phone model(s) of interest to determine if XML applications are supported.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

IP Endpoint Multimedia Applications

XML Applications

- Overhead Paging
- On-Demand and Continuous Call Recording
- Directory Search
- Employee Time Card
- Multimedia Broadcasts
- Wireless IP Push-to-Talk
- And More

[Multimedia Applications for Your Business](#)

[XML Applications](#)

XML Applications

XML provides a standard language that developers can use to share information between different kinds of IP endpoints, different applications, and different organizations without needing to pass through many layers of conversion.

Endpoint applications can provide significant savings. For example, one financial services organization saves about \$50 million a year by taking advantage of a workplace management application. The application empowers workers to locate and reserve workspaces through the IP endpoint whenever and wherever they need to work. It also allows the company to measure usage of every workspace in the organization. This capability has made it possible to eliminate more than 4000 workstations nationwide.

Analog Telephone Adaptor and Accessories

Figure 31. Protect Your Analog Device Investment



Cisco ATA 190 Analog Terminal Adaptor

[Turn Traditional Telephones into IP Endpoints](#)

[Excellent Audio Even in the Noisiest Conditions](#)

Turn Traditional Telephones into IP Endpoints

The cost-effective, standards-based Cisco ATA190 Analog Telephone Adaptor (Figure 31) protects your existing analog telephone investment while delivering true VoIP terminations. Simply connect traditional analog devices to the Cisco ATA190 and a traditional telephone becomes an IP endpoint. You can use the Cisco ATA190 in both businesses and residences worldwide, where it:

- Delivers clear, natural-sounding voice quality
- Supports 2 voice ports, each with its own independent telephone number
- Provides a single RJ-45 10/100 BASE-T Ethernet port
- Can use existing Ethernet LANs in addition to broadband pipes such as DSL, fixed wireless, and cable modem deployments

When telephones are connected to the Cisco ATA190, companies can take advantage of many cost-saving, productivity-building IP telephony applications, including:

- User configuration

- Full-duplex capability
- Central provisioning for ease of administration
- SIP support, which allows interoperation with Cisco Unified Communications Manager
- SIP services such as dynamic IP address assignment, VLAN configuration, user authentication, etc.
- Fax support so you can send faxes cost-effectively over the IP network

The Cisco ATA 190 enables secure media and signaling support through Secure Real-Time Transfer Protocol/Transport Layer Security (SRTP/TLS) over SIP. The adaptor is also firmware-upgradable.

Analog Telephone Adaptor and Accessories

Figure 32. Full Noise Protection, Flexible Wearing Styles, and Mic Options



Jabra Biz 2400 Headset

[Turn Traditional Telephones into IP Endpoints](#)

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Excellent Audio Even in the Noisiest Conditions

A variety of headsets are available with selected Cisco IP Phone 7900, 8800, 8900, and 9900 Series models as well as with Cisco desktop clients. You are encouraged to check with your headset vendor of choice for the latest details on about compatibility.

Jabra Biz 2400 Headset (USB and Bluetooth Connection)

The Jabra BIZ 2400 Series USB headset (Figure 32) is a corded headset with a built-in Bluetooth connection for your mobile phone. This headset supports a Pure Voice noise-canceling microphone and neodymium stereo hi-fi speakers. Other features include:

- Full noise protection (EU noise-at-work compliance)
- Toggle wheel for volume control with hook and mute Call Control buttons and 2 programmable soft buttons
- Super-soft memory foam ear cushions
- A 360° FreeSpin boom that prevents breakage

- A variety of wearing styles and microphone options

Wideband Biz 2400 headsets are certified with the Cisco IP Phones 8800, 8900, and 9900 Series, the Cisco Jabber™ messaging integration platform, Cisco Jabber for Virtualized Environments, and Cisco IP Communicator.

- The dual connectivity headset connects with a Cisco IP Phone (Bluetooth-capable) and a PC at the same time.
- A noise-canceling microphone with excellent noise reduction is great for open, loud office environments. The boom arm can be adjusted to your needs.
- Speakers with wideband or HD voice-frequency response enable realistic reproduction of human voices on optimized digital lines – for example, IP telephony and unified communications.
- The headset can withstand rough and tough use, with a 3-year warranty.

Analog Telephone Adaptor and Accessories

Figure 33. Intuitive Call Control, Easy Connectivity, Custom Fit



Jabra Motion UC Headset with Travel and Charge Kit

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Jabra Motion UC with Travel and Charge Kit

The Jabra Motion UC with travel and charge kit (Figure 33) combines innovative features and technology to protect your investment. When used with Cisco IP Phones or Cisco Jabber soft clients, you get full integration, including automatic updating of your UC presence status when on a smartphone call. The busy light indicator on the headset helps ensure that you avoid interruptions. Designed for maximum convenience and superior wearing comfort, it helps simplify your busy lifestyle. The Jabra Motion UC headset offers:

- Intuitive call control
- Best-in-class wireless freedom – 10 times the range of similar headsets
- Device connection with a simple touch
- Custom fit for optimal comfort

Jabra Motion UC headsets are certified with the Cisco IP Phone 8800, 8900, and 9900 Series, Cisco Jabber platform, Cisco Jabber for Virtualized Environments, and Cisco IP Communicator.

- Dual connectivity: 2 active audio connections (PC and Bluetooth) connect up to 8 devices.
- Built-in (MFI) chipset.
- Near Field Communications (NFC) offers an easy pairing functionality with a touch.
- The device can stream music from a source, such as a smartphone, Bluetooth-enabled laptop, tablet, or MP3 player.
- Digital-signal-processor (DSP) technology digitally optimizes your voice and music and suppresses echoes.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Analog Telephone Adaptor and Accessories

- The headset has dual microphones with noise blackout; an aggressive noise filter coupled with 2 microphones uses DSP software to remove noise.
- You can talk for up to 7 hours; standby time is 360 hours.
- Movement sensors activate a feature in the device based on movement or lack thereof. An example would be turning off a device when no motion is detected.
- The headset is designed to optimize experience with Cisco Unified Communications clients, IP phones, and mobile phones.

[Turn Traditional Telephones into IP Endpoints](#)

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Analog Telephone Adaptor and Accessories

Figure 34. The Voyager Legend UC Is Almost a Personal Assistant



[Turn Traditional Telephones into IP Endpoints](#)

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Plantronics Bluetooth Voyager Legend UC

The Plantronics Bluetooth Voyager Legend UC (Figure 34) is ideal for professionals in and out of the office who rely on a variety of business communications such as Bluetooth-enabled Cisco IP desk phones and Cisco soft clients such as the Jabber® platform, Cisco IP Communicator, and the Cisco WebEx® conferencing solution on a PC, tablet, or smartphone. With intuitive sensors, voice commands, advanced charging accessories, and precision-tuned audio, it is built for the way you work today and into the future:

- Smart sensor technology enables automatic call answering when you place it on your ear for Jabber soft-phone calls and video-enabled Cisco WebEx conferences from any type of mobile device.
- The device whispers the incoming caller’s name and lets you say “answer” to accept the call or “ignore” to decline, minimizing unwelcome interruptions while making sure that you receive critical calls.
- The device incorporates a DSP for noise cancellation and delivers clear voice quality to you and your listener while working in a café, airport, or other noisy environment.

Together, Plantronics and Cisco have created the next generation of a truly unified voice and video collaboration experience.

For more information about the Plantronics Voyager Legend UC, please visit: www.plantronics.com.

Analog Telephone Adaptor and Accessories

Figure 35. Plantronics CS500 XD Series



CS500 XD Series

Plantronics CS500 XD Series: The Wireless Headset System for Office-Based Desk Phone Communications

Ideal for the contact center or an enterprise office environment such as financial services or customer service, the Plantronics CS500 XD (Figure 35) delivers uncompromising audio and addresses wireless density concerns in a large concentration of desk-centric workers. It directly connects through an electronic hook switch (EHS) cable to Cisco IP Phones that support this capability.

- The CS500 XD Series features 900-MHz technology that allows companies to deploy more wireless headsets in a specified space.
- It offers a choice of 3 comfort-tested wearing options to match personal preferences.

- It provides extraordinary sound quality while roaming or multitasking up to 350 feet from your desk phone.
- You have a choice of narrow or wideband professional-grade audio quality; narrowband extends talk time, whereas wideband mode enables clearer conversations.
- Remote EHS capabilities and various audio controls on the headset, including volume adjust and mute, allow supervising agents to be hands-free and adjust controls away from the base.

For more information about the Plantronics CS500 XD, please visit: www.plantronics.com/us/product/cs500-xd.

[Turn Traditional Telephones into IP Endpoints](#)

[Excellent Audio Even in the Noisiest Conditions](#)



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Summary

Optimize Your Organization's Collaboration

Communications and Collaboration

With our comprehensive portfolio of industry-leading endpoint solutions, Cisco has an IP endpoint for every organizational need – from the lobby to the executive suite – and for organizations of all sizes, from the start-up to the largest of enterprises.

Whether you're seeking to deploy on-premise, in the cloud, or even on a third-party hosted call-control platform, you can take advantage of the performance and range of endpoints that Cisco makes available to your business.

The diverse Cisco portfolio includes:

- Single- and multiline endpoints, supporting a range of communication needs from low-to-moderate to the most active environments
- A range of endpoints from basic to fully featured, enabling your organization to take advantage of robust Cisco Collaboration
- Solutions to meet your corporate objectives while remaining within your budget

- Support for SD and HD video communications, on selected series and models, to reduce your travel costs and accelerate the speed of decision making in your organization
- The ability to support personal mobile devices, with telephony feature integration, on select Cisco next-generation phone models that support Cisco Intelligent Proximity for Mobile Voice

Cisco IP Phones can help your business obtain the productivity-building capabilities of next-generation communications and collaboration, taking advantage of Cisco Unified Communications media servers to deliver an exceptional communications experience throughout your organization.

We hope that this brochure has helped you identify which Cisco IP Phones are right for your business. If you have questions about any of our endpoint solutions, please contact your local Cisco representative or authorized Cisco reseller.



Introduction	Cisco IP Phones 6900 Series	Cisco IP Phones 7900 Series	Cisco IP Phones 8900 Series	IP Endpoint Multimedia Applications	Summary
Cisco SIP Phones 3900 Series	Cisco IP Phone 7800 Series	Cisco IP Phones 8800 Series	Cisco IP Phones 9900 Series	Analog Telephone Adaptor & Accessories	Additional Information

Additional Information

For more information about any of the products discussed in this brochure, please visit the following websites:

- Cisco SIP Phone 3900 Series
<http://www.cisco.com/go/ipphones/3900>
- Cisco IP Phones 6900 Series
<http://www.cisco.com/go/ipphones/6900>
- Cisco IP Phone 7800 Series
<http://www.cisco.com/go/ipphone/7800>
- Cisco IP Phones 7900 Series
<http://www.cisco.com/go/ipphones/7900>
- Cisco IP Phones 8800 Series
<http://www.cisco.com/go/ipphones/8800>
- Cisco IP Phones 8900 Series
<http://www.cisco.com/go/ipphones/8900>
- Cisco IP Phones 9900 Series
<http://www.cisco.com/go/ipphones/9900>
- Accessories for the Cisco IP Phones
<http://www.cisco.com/go/ucaccessories>
- Cisco ATA 190 Analog Telephone Adaptor
<http://www.cisco.com/c/en/us/products/unified-communications/ata190-2-portadapter/index.html>
- Third-party headsets*
 - www.jabra.com
 - www.plantronics.com

* Consult the vendor's website of interest for the very latest in headset offerings: