



Cisco Unified IP Phones Guide



Document Last Updated: July 8, 2010

This guide provides key technical information for Cisco Unified IP Phones. This document will be updated periodically.







For feedback on this guide or any comments about the information presented in it, send e-mail to IPhoneguide@cisco.com

Cisco Unified IP Phones

Model	7911G	Wireless 7921G	Wireless 7925G	7931G	Conference Station 7937G
					
List Price (USD)	\$225	\$525 (Battery/PS not included)	\$675 (Battery/PS not included)	\$325	\$1,295
License (RTU)	3 DLU	4 DLU	4 DLU	4 DLU	3 DLU
Integral Switch	10/100	N/A	N/A	10/100	No
Display	4" (10.2 cm), graphical, 192x64, monochrome	2.0" (5.1 cm), graphical, backlit, 176x220, color	2" (5.1 cm) graphical, backlit, 176x220, color	4.3" (10.8 cm), graphical, backlit, 192x64, monochrome	Pixel-based
Touchscreen	No	No	No	No	No
Speakerphone	Yes (listen only)	Yes	Yes	Yes	Yes
Number of Line Keys	1 line (0 line keys)	N/A	N/A	24	1 line (0 line keys)
Programmable (soft) Keys	4	2	2	4 soft keys, 22 line keys for use as lines, speed dials or PLKs.	4
Fixed Feature Keys	2	5	5	3	look in conference room
Advanced Features		Push-to-Talk via XML	Bluetooth v2.0, Push-to-Talk via XML	Join across lines, Transfer across lines	Optional wired microphone kit
Handsfree	Yes (call monitoring and group listen)	Yes	Yes	Yes	Yes Speakerphone
Message Waiting Indication	Yes	Yes	Yes	Yes	No
Third-Party XML Support	Audio and text only	Yes	Yes	Text XML only	Yes
Headset Port	No, but 3rd party headset amplifiers available	Yes	Yes	Yes	No
Signaling Protocol	SCCP/SIP	SCCP	SCCP	SCCP/SIP	SCCP
Other Protocols Supported		802.11a/b/g	802.11a/b/g		None
802.3AF	Yes	N/A	N/A	Yes	Cisco inline power, power cube
Cisco Power	Yes	N/A	N/A	Yes	Yes





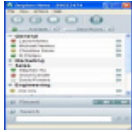

Model	7911G	Wireless 7921G	Wireless 7925G	7931G	Conference Station 7937G
PoE Classification	Class 2	N/A	N/A	Class 3	Class 3
DHCP	Yes	Yes	Yes	Yes	Yes + Static
802.1p/q	Yes	N/A	N/A	Yes	Yes
CODECS					G.711, G.711a, G.722, G.729a, G.729b, G.729ab
SRTP/TLS					
User Connect License					Enhanced
UC Manager Encryption support (TLS/SRTP)	Yes	Yes	Yes	Yes (SCCP only)	No

Cisco Unified IP Phones (continued)

Model	7942G	7945G	7962G	7965G	7975G
					
List Price (USD)	\$370	\$465	\$470	\$595	\$705
License (RTU)	4 DLU	4 DLU	4 DLU	4 DLU	5 DLU
Integral Switch	10/100	10/100/1000	10/100	10/100/1000	10/100/1000
Display	Monochrome (320x222 pixels, 4-bit grayscale depth)	Monochrome (320x240 pixels, 16-bit color depth)	Monochrome (320x222 pixels, 4-bit grayscale depth)	Color, Backlit (320x240 pixels, 16-bit color depth)	Color touch screen, Backlit (320x240 pixels, 16-bit color depth)
Touchscreen	No	No	No	No	Yes
Speakerphone	Yes	Yes	Yes	Yes	Yes
Number of Line Keys	2 - lighted	2 - lighted	6 - lighted	6 - lighted	8 - lighted
Programmable (soft) Keys	4 (+2 speed dial/line)	4 (+2 speed dial/line)	4 (+2 speed dial/line)	4 (+2 speed dial/line)	5 (+8 speed dial/line)
Fixed Feature Keys	8	8	8	8	8
Advanced Features	Higher-resolution	Higher-resolution	Additional line keys with expansion module 7915 or 7916	Additional line keys with expansion module 7915 or 7916	Additional line keys with expansion module 7915 or 7916; Support of Headset Hookswitch Control
Handsfree	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes
Third-Party XML Support	Yes	Yes	Yes	Yes	Yes
Headset Port	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support
Signaling Protocol	SCCP/SIP	SCCP/SIP	SCCP/SIP	SCCP/SIP	SCCP/SIP
Other Protocols Supported					
802.3AF	Yes	Yes	Yes	Yes	Yes
Cisco Power	Yes	No	Yes	No	No
PoE Classification	Class 2	Class 3	Class 2	Class 3	Class 3
DHCP	Yes	Yes	Yes	Yes	Yes








Model	7942G	7945G	7962G	7965G	7975G
802.1p/q	Yes	Yes	Yes	Yes	Yes
UC Manager Encryption support (TLS/SRTP)	Yes	Yes	Yes	Yes	Yes

Cisco Unified IP Phones (continued)

Model	IP Communicator	Expansion Module 7915	Expansion Module 7916	Personal Communicator	Nokia Dual-Mode
					
List Price (USD)	\$90 (including CUVA Camera)	\$395	\$495	\$50	\$200 (Nokia Intellisync PBX Connect for CCM SCCP Client), 1 user
License (RTU)	3 DLU			5 DLU	6 DLU
Integral Switch	N/A	N/A	N/A	N/A	N/A
Display	PC settings	4.3", high-resolution (480x272), graphical monochrome 4-bit grayscale	4.3", high-resolution (480x272), 16-bit color	PC Settings	
Touchscreen					
Speakerphone					
Number of Line Keys	8	24 (12 buttons, 2 display pages)	24 (12 buttons, 2 display pages)	N/A	N/A
Programmable (soft) Keys	5(+8 speed dial/ line)			N/A	
Fixed Feature Keys	8			N/A	
Advanced Features	Software application	Expansion module	Expansion module	Software application	
Handsfree	Yes			Yes	
Message Waiting Indication	Yes			Yes	
Third-Party XML Support	Yes			Yes	
Headset Port	Required on PC			Required on PC	
Signaling Protocol	SCCP	SCCP/SIP (with appropriate UCM firmware release)	SCCP/SIP (with appropriate UCM firmware release)	SIP	SCCP
Other Protocols Supported					802.11b/g
802.3AF	N/A			N/A	N/A
Cisco Power	N/A			N/A	N/A
PoE Classification	N/A			N/A	N/A
DHCP	Yes			Yes	Yes
802.1p/q	N/A			N/A	N/A







Model	IP Communicator	Expansion Module 7915	Expansion Module 7916	Personal Communicator	Nokia Dual-Mode
UC Manager Encryption support (TLS/SRTP)	Yes	N/A	N/A	No	No
Notes				Cisco Unified Presence Server is mandatory	Nokia Phone is NOT orderable through Cisco

Cisco Unified IP Phones (continued)

Model	6921	6941	6961	6901	6911	CUPC 8.0
						
List Price (USD)	\$215	\$245	\$275	\$90	\$175	\$50
License (RTU)	3 DLU	3 DLU	3 DLU	2 DLU	2 DLU	5 DLU
Integral Switch	10/100	10/100	10/100	No	10/100	N/A
Display	396 x 81 pixel-based, anti-glare graphical monochrome display with white backlight	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight	396 x 81 pixel-based, anti-glare graphical monochrome display with white backlight	No	No	PC Settings
Touchscreen	No	No	No	N/A	N/A	
Speakerphone	Yes	Yes	Yes			
Number of Line Keys	2	4	12	1	1	N/A
Programmable (soft) Keys	4	4	4	0	0	N/A
Fixed Feature Keys	3	3	3	2	3	N/A
Advanced Features	Join across lines, Transfer across lines	Join across lines, Transfer across lines	Join across lines, Transfer across lines	Security, QoS reporting	Group Call Pickup, RTCP support	Group Chat, Presence, Directory Pictures, One Click Email - Video Call - Regular Call
Handsfree	Yes	Yes	Yes	No	Yes Speakerphone	Yes
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes	Yes
Third-Party XML Support	Yes	Yes	Yes	No	No	Yes
Headset Port	Yes	Yes	Yes	No	No	Required on PC
Signaling Protocol	SCCP	SCCP	SCCP	SCCP	SCCP	SIP
Other Protocols Supported	N/A	N/A	N/A	None	None	None
802.3AF	Yes	Yes	Yes	Cisco inline power, power cube	Cisco inline power, power cube	N/A
Cisco Power	No	No	No	No	No	N/A
PoE Classification	Class 2	Class 2	Class 2	Class 1	Class 1	N/A
DHCP	Yes	Yes	Yes	Yes + Static	Yes + Static	Yes
802.1p/q	Feb-10	Feb-10	Feb-10	Yes	Yes	

Model	6921	6941	6961	6901	6911	CUPC 8.0
UC Manager Encryption support (TLS/SRTP)	2H CY2010	2H CY2010	2H CY2010			
Codecs	G.711, G.729	G.711, G.729	G.711, G.729	G.711, G.711a, G.729a, G.729b, G.729ab	G.711, G.711a, G.729a, G.729b, G.729ab	G.711, G.729, G.722
SRTP/TLS				Yes	Yes	No
User Connect License				Basic	Basic	

Cisco Unified IP Phones (continued)

Model	9971	9951	8961	KEM	Cisco Unified Video Camera
					
List Price (USD)	\$995	\$795	\$625	\$495	\$265
License (RTU)	4 DLU	4 DLU	4 DLU	N/A	N/A
Integral Switch	10/100/1000 802.11 a/b/g Wi-Fi	10/100/1000	10/100/1000	N/A	N/A
Display	VGA presentation, 5.6 in. (14 cm) graphical color touchscreen, 24 bit color depth 640x480 effective pixel resolution	VGA presentation 5 in (10 cm) Graphical TFT color display, 24-bit color depth 640 x 480 effective pixel resolution	Digital, 24-bit graphical backlit TFT color, 5"	4.3 in. graphical (TFT) color display 16 bit color depth, 480 x 272 effective resolution	
Number of Line Keys	6	5	5	2x18	
Programmable (soft) Keys	4 (via touchscreen)	4	4	N/A	
Fixed Feature Keys	6 lighted	5	5	Page Key	
Advanced Features	Desktop Wi-Fi Ethernet XML & Midlet apps QoS reporting, KEM support / SDIO Card	XML and Midlet apps QoS reporting, KEM support	XML and Midlet apps QoS reporting, KEM support	Power save, sleep and inactivity mode line keys are programmable - Optinal cable to tether KEM for limited desk space	Optional cable and clip shipped with camera to mount on Laptop - Manual Shutter
Handsfree	Yes	Yes	Yes	N/A	
Message Waiting Indication	Yes	Yes	Yes	N/A	
Third-Party XML Support	Yes	Yes	Yes	N/A	
Headset Port	Yes HD Voice	Yes HD Voice	Yes HD Voice		
Signaling Protocol	SIP for signaling H.264 for video	SIP for signaling H.264 for video	SIP	N/A	
Other Protocols Supported	WiFi / Bluetooth / 2 USB ports / Audio In-Out (GPIO)	Bluetooth / 2 USB ports / Audio In-Out (GPIO)	N/A	N/A	
Comparable with Cisco's	N/A	N/A	N/A		
802.3AF	Yes	Yes	Yes	Yes	
Cisco Power	No	No	No	N/A	
PoE Classification	4	4	3	N/A	

Model	9971	9951	8961	KEM	Cisco Unified Video Camera
DHCP	Yes	Yes	Yes	N/A	
802.1 p/q	Yes	Yes	Yes	N/A	
Codecs	G.711a, G.711u, G.729a, G.729ab, G.722, iLBC	G.711a, G.711u, G.729a, G.729ab, G.722, iLBC	G.711a, G.711u, G.729a, G.729ab, G.722, iLBC	N/A	
TLS/SRTP	Yes	Yes	Yes	N/A	
802.3 AT	Yes	Yes	No		

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