



Cisco Unified IP Phones Guide










Document Last Updated: December 3, 2009

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	7906G	7911G	Wireless 7921G	Wireless 7925G	7931G	Conference Station 7936	Conference Station 7937	7940G
								
List Price (USD)	\$175	\$225	\$525 (Battery/PS not included)	\$675 (Battery/PS not included)	\$325	\$1,195	\$1,295	\$265
License (RTU)	2 DLU	3 DLU	4 DLU	4 DLU	4 DLU	3 DLU	3 DLU	4 DLU
Integral Switch	No	10/100	N/A	N/A	10/100	No	No	10/100
Display	192x64 monochrome	192x64 monochrome	Digital, 16-bit graphical backlit TFT Color, 2"	2 in. (5 cm) color display with 176 x 220 pixel resolution	192 x 64 Graphical Monochrome	246x68 Monochrome	225x128 grayscale	Pixel-based (grey scale)
Touchscreen	No	No	No	No	No	No	No	No
Speakerphone	Yes (listen only)	Yes (listen only)	Yes	Yes	Yes	Yes	Yes	Yes
Number of Line Keys	1	1	N/A	N/A	24	1	1	2
Programmable (soft) Keys	4	4	2	2	4	3	4	4 (+2 speed dial/line)
Fixed Feature Keys	2	2	5	5	3	6	6	8
Advanced Features				Bluetooth v2.0, Push-to-Talk via XML		Conference phone	Optional wired microphone kit; 3rd-party wireless lapel microphone kit	
Handsfree	Yes (call monitoring)	Yes (call monitoring)	Yes	Yes	Yes	Yes	Yes	Yes
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes	N/A	N/A	Yes
Third-Party XML Support	Yes	Yes	Yes	Yes	Text XML only	No	Yes	Yes
Headset Port	No	No	Yes	Yes	Yes	No	No	Yes (with amplifier)
Signaling Protocol	SCCP/SIP	SCCP/SIP	SCCP	SCCP	SCCP/SIP	SCCP	SCCP	SCCP
Other Protocols Supported			802.11a/b/g	802.11a/b/g				
802.3AF	Yes	Yes	N/A	N/A	Yes	No	Yes (or Power Cube 3)	No
Cisco Power	Yes	Yes	N/A	N/A	Yes	No	No	Yes
PoE Classification	Class 2	Class 2	N/A	N/A	Class 3	N/A	Class 3	N/A
DHCP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Model	7906G	7911G	Wireless 7921G	Wireless 7925G	7931G	Conference Station 7936	Conference Station 7937	7940G
802.1p/q	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
UC Manager Encryption support (TLS/SRTP)	Yes	Yes	Yes	Yes	Yes (SCCP only)	No	No	Yes

Cisco Unified IP Phones (Continued)

Model	7941G	7942G	7945G	7960G	7961G	7962G	7965G	7975G
								
List Price (USD)	\$345	\$370	\$465	\$365	\$445	\$470	\$595	\$705
License (RTU)	4 DLU	4 DLU	4 DLU	4 DLU	4 DLU	4 DLU	4 DLU	5 DLU
Integral Switch	10/100	10/100	10/100/1000	10/100	10/100	10/100	10/100/1000	10/100/1000
Display	Pixel based 320x222 (grey scale)	Monochrome (320x222 pixels, 4-bit grayscale depth)	Monochrome (320x240 pixels, 16-bit color depth)	Pixel-based (grey scale)	Pixel based 320x222 (grey scale)	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	No	No	No	Yes
Speakerphone	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of Line Keys	2 - lighted	2 - lighted	2 - lighted	6	6 - 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)	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	8	8	8
Advanced Features	Higher-resolution	Higher-resolution	Higher-resolution	Additional line keys with Expansion Module 7915 and 7916	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	Yes, Wideband support	Yes, Wideband support	Yes	Yes	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Third-Party XML Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Headset Port	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support	Yes (with amplifier)	Yes	Yes, Wideband support	Yes, Wideband support	Yes, Wideband support
Signaling Protocol	SCCP/SIP	SCCP/SIP	SCCP/SIP	SCCP	SCCP/SIP	SCCP/SIP	SCCP/SIP	SCCP/SIP
Other Protocols Supported								
802.3AF	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Cisco Power	Yes	Yes	No	Yes	Yes	Yes	No	No
PoE Classification	Class 2	Class 2	Class 3	N/A	Class 2	Class 2	Class 3	Class 3
DHCP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes





Model	7941G	7942G	7945G	7960G	7961G	7962G	7965G	7975G
802.1p/q	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UC Manager Encryption support (TLS/SRTP)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Cisco Unified IP Phones (Continued)







Model	7985G	IP Communicator	Expansion Module 7915	Expansion Module 7916	SIP 3911	Personal Communicator	Nokia Dual-Mode
							
List Price (USD)	\$3,595	\$90 (including CIVA Camera)	\$395	\$495	\$135	\$50	\$200 (Nokia Intellisync PBX Connect for CCM SCCP Client), 1 user
License (RTU)	6 DLU	3 DLU			2 DLU	5 DLU	6 DLU
Integral Switch	10/100	N/A	N/A	N/A	No	N/A	N/A
Display	4SIF (704 x 480 pixels), 4CIF (704 x 576 pixels)	PC settings	4.3", high-resolution (480x272), graphical monochrome 4-bit grayscale	4.3", high-resolution (480x272), 16-bit color	144x32 monochrome	PC Settings	
Touchscreen	No				No		
Speakerphone	Yes				Half Duplex		
Number of Line Keys	1	8	24 (12 buttons, 2 display pages)	24 (12 buttons, 2 display pages)	1	N/A	N/A
Programmable (soft) Keys	5	5(+8 speed dial/line)			0	N/A	
Fixed Feature Keys	9	8			5	N/A	
Advanced Features	Integrated video IP phone	Software application	Expansion module	Expansion module		Software application	
Handsfree	Yes	Yes			Yes	Yes	
Message Waiting Indication	Yes	Yes			Yes	Yes	
Third-Party XML Support	Yes	Yes			No	Yes	
Headset Port	Yes	Required on PC			No	Required on PC	
Signaling Protocol	SCCP	SCCP	SCCP/SIP (with appropriate UCM firmware release)	SCCP/SIP (with appropriate UCM firmware release)	SIP	SIP	SCCP
Other Protocols Supported					TFTP, CDDP, HTTP, RTP		802.11b/g
802.3AF	No	N/A			Yes	N/A	N/A
Cisco Power	Yes	N/A			No	N/A	N/A
PoE Classification	Class 3	N/A			Class 2	N/A	N/A
DHCP	Yes	Yes			Yes	Yes	Yes
802.1p/q	Yes	N/A			Yes	N/A	N/A

Model	7985G	IP Communicator	Expansion Module 7915	Expansion Module 7916	SIP 3911	Personal Communicator	Nokia Dual-Mode
UC Manager Encryption support (TLS/SRTP)	No	Yes	N/A	N/A	No	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
			
List Price (USD)	\$235	\$265	\$295
License (RTU)	3 DLU	3 DLU	3 DLU
Integral Switch	10/100	10/100	10/100
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
Touchscreen	No	No	No
Speakerphone	Yes	Yes	Yes
Number of Line Keys	2	4	12
Programmable (soft) Keys	4	4	4
Fixed Feature Keys	3	3	3
Advanced Features	Join across lines, Transfer across lines	Join across lines, Transfer across lines	Join across lines, Transfer across lines
Handsfree	Yes	Yes	Yes
Message Waiting Indication	Yes	Yes	Yes
Third-Party XML Support	Yes	Yes	Yes
Headset Port	Yes	Yes	Yes
Signaling Protocol	SCCP	SCCP	SCCP
Other Protocols Supported	N/A	N/A	N/A
802.3AF	Yes	Yes	Yes
Cisco Power	Yes	Yes	Yes
PoE Classification	Class 2	Class 2	Class 2
DHCP	Yes	Yes	Yes
802.1p/q	Feb-10	Feb-10	Feb-10
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

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	
DHCP	Yes	Yes	Yes	N/A	

Model	9971	9951	8961	KEM	Cisco Unified Video Camera
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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