UC-P100-T

Crestron® Flex VoIP Desk Phone for Microsoft Teams® Software

- Native Microsoft Teams® touch screen UX with simple operation and one-touch meeting joins
- Onscreen calendaring and meeting management
- Wideband HD voice quality
- Network management and provisioning, remote firmware updates and system alerts via the Crestron XiO Cloud™ service
- Connects and communicates securely over any enterprise or SMB network
- Full-duplex hands-free speakerphone with AEC
- Hearing aid compatible handset
- Wired headset support
- 7 in. (178 mm) color touch screen and physical keypad and function buttons
- Hot desking capability for shared workstations
- Active Directory® authentication and corporate directory access
- Microsoft® Exchange and Office 365® software integration
- Enterprise-grade security
- Dual-port Gigabit Ethernet connectivity
- PoE network powered
- Complete kit contains the UC-PHONE-T VoIP desk phone, handset, and cables

The Crestron Flex UC-P100-T desk phone provides a premium voice-over-IP telephone solution for use with the Microsoft Teams intelligent communications platform. It offers wideband HD voice quality and full-duplex hands-free speakerphone capability in an elegant desktop design. It features an easy-to-use keypad and spacious color touch screen display, hearing aid compatible handset, and wired headset support.[1] Each phone can be synced with a Microsoft Teams account, with contacts, schedules, voicemails, and other preference settings appearing on the phone's touch screen.

The UC-P100-T features HD audio quality for making phone calls, or hosting conference calls or online meetings. The UC-P100-T is secure, easy to deploy, and easy to manage.

See also the Crestron Flex UC-P110-T for a model that features an adjustable touch screen, and the Crestron Flex UC-P100-S for a model to use with Skype® for Business applications.

Visit https://www.crestron.com/flex for an overview of all available Crestron Flex UC solutions.

Native Microsoft Teams® Software Experience

The UC-P100-T desk phone provides a native Microsoft Teams IC software experience, with simple operation and one-touch meeting joins through a feature-rich touch screen. Onboard calendaring, corporate directory access, and hot desking are provided. The UC-P100-T works with a Microsoft Teams account and connects to an enterprise or SMB network implementing a cloud based Microsoft Teams deployment.

Superb Sound Quality

Crestron VoIP desk phones facilitate conversations with highly intelligible voice clarity, whether speaking privately on the handset or headset[1], or conferencing using the hands-free speakerphone function. High-performance AEC technology achieves transparent full-duplex performance free of distracting echo or noise. Wideband audio codec support allows for full-spectrum, bidirectional voice communication. The handset is hearing aid compatible to ensure an optimal experience for individuals with hearing impairment.

Color Touch Screen

The extra-large, full-color touch screen makes the desk phone easy to use. The physical keypad provides the essential controls for dialing out, managing a call in progress, muting or adjusting volume, and switching to hands-free or headset mode.[1]

The intuitive touch screen UI employs a look and layout similar to Microsoft Teams and Office 365 software, so users can move effortlessly between using a phone and personal computer at their desk and other Microsoft Teams based Crestron UC conferencing solutions in a meeting room.

Hot Desking

For organizations employing shared workstations or offices, workers can log in at any phone using their personal Microsoft Teams account. Once signed in, the individual's presence status, contacts, voicemail, and meeting schedule immediately sync with their account for a seamless user experience.

Network Management and Security

The Crestron VoIP desk phone is an enterprise-grade appliance, engineered in partnership with Microsoft to integrate seamlessly into any Microsoft Teams deployment. It is ideally equipped for mass deployment throughout any-sized corporate, university, medical, military, or governmental facility.

Advanced security features ensure privacy, reliability, and compliance with the organization's IT policies. PoE compatibility

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enables the desk phone to be powered through its LAN connection.

Crestron XiO Cloud™ Provisioning and Management Service

The UC-P100-T is compatible with the Crestron XiO Cloud™ service, which is an IoT (Internet of Things) based platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base.[2] The service enables installers and IT managers to deploy and manage thousands of devices in the amount of time it previously took to manage just one. As part of the UC-P100-T system, the Crestron XiO Cloud service allows for network management and provisioning, remote firmware updates and system alerts. For more information, visit www.crestron.com/xiocloud.

Specifications

Included Components

UC-PHONE-T	VoIP desk phone for Microsoft Teams software

Communications & Audio

Ethernet	1000 Mbps, IPv4/IPv6, static/DHCP/PPPoE IP assignment, LLDP-MED VLAN assignment, proxy mode, TCP/IP, UDP/IP, DNS-SRV (RFC 3263), SNTP, TLS, SRTP, 802.1p/Q VLAN tagging, Layer 3 ToS DSCP, EWS authentication, HTTPS certificate manager, IEEE 802.1X, Active Directory, digest access authentication using MD5/MD5-sess, password login, HTTPS web server, Crestron XiO Cloud client, Microsoft Intune® client, dual-port Gigabit Ethernet switch, IEEE 802.3at Type 1 PoE compliant
VoIP	Microsoft Teams client; compatible with Office 365 cloud service; supports Enterprise Voice, Phone System, O365 modern authentication (limited), directory lookup, PSTN calling, E911, common area phone, calendar, hot desking; DTMF tone generation (RFC 2833 out-of-band, in-band), acoustic echo cancellation, automatic gain control, voice activity detection, comfort noise generator, low-delay audio packet transmission, adaptive jitter buffers, packet loss concealment
Codec Support	G.711(A/µ), G.722, G.723.1, G.726, G.729A/B, Ilbc, SILK
Handset	HD wideband handset, hearing aid compatible (HAC)

Speakerphone	HD wideband speaker and microphone, hands-free full-duplex

Touch Screen

Display Type	TFT active matrix color LCD
Size	7 in. (178 mm) diagonal
Aspect Ratio	16:9 WSVGA
Resolution	1024 x 600 pixel
Touch Screen	Capacitive, 5-point multi-touch capable
Language Support	English (United States), Chinese Simplified, Chinese Traditional, French (EU), German, Italian, Polish, Portuguese (EU), Spanish (EU), Turkish, Russian

Buttons & Indicators

Power	(1) Red LED (above touch screen), illuminates to indicate phone is powered on, flashes fast to indicate an incoming call, flashes slow to indicate a message waiting
Keypad	(12) ITU E 1.161 standard keypad buttons
Functions	(9) Buttons for Hold, Transfer, Message, Volume -/+, Headset*, Mute*, Redial, Speakerphone*; *Buttons are LED backlit to indicate active status
Hook Switch	(1) Handset hook switch

Connectors

PC	(1) 8-pin RJ45 connector, female; 1000Base-T Ethernet port; Switched LAN port for optional computer connection
Internet	(1) 8-pin RJ45 connector, female; 1000Base-T Ethernet port & PoE PD port; For connection to LAN with PoE PSE; 6.5 ft (2 m) CAT5e FTP Ethernet cable included
DC5V	(1) DC power connector; 5 VDC power input (not used)
Headset	(1) RJ9 4P4C connector, female; For optional headset (not included)
Handset	(1) RJ9 4P4C connector, female; For handset (included)
USB	(1) USB Type A connector, female (behind touch screen); USB 2.0 host port (not used)

Power

Power over Ethernet	IEEE 802.3at Type 1 (802.3af compatible), Class 3 (12.95 W) PoE Powered Device
Power Consumption	2.3 to 6.0 W

Environmental

Temperature	14° to 104° F (-10° to 40° C)
Humidity	10% to 95% RH (non-condensing)

Construction

Housing	Plastic, fixed-angle touch screen
Mounting	Freestanding desktop, 5° adjustable-angle tilt stand included

Dimensions

Height	7.66 in. (195 mm); 7.99 in. (203 mm) with stand extended
Width	10.22 in. (260 mm)
Depth	6.88 in. (175 mm); 6.96 in. (177 mm) with stand extended

Weight

2.72 lb (1.24 kg)

Compliance

TUV Listed for US & Canada, CE, IC, FCC Part 15 Class B, Australia RCM, China RoHS 20 year

Model

UC-P100-T

Included Accessories

Ethernet LAN cable, CAT5e, RJ45 male-to-male, 6.5 ft (2 m)

Available Accessories

CEN-SWPOE-16
16-Port Managed PoE Switch

CEN-SW-POE-5
5-Port PoE Switch

SW-XIOC-P-1
Crestron XiO Cloud Premium Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-P-2
Crestron XiO Cloud Premium Provisioning and Management Service for one device, 2 year subscription

SW-XIOC-P-3
Crestron XiO Cloud Premium Provisioning and Management Service for one device, 3 year subscription

SW-XIOC-S-1
Crestron XiO Cloud Standard Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-S-2
Crestron XiO Cloud Standard Provisioning and Management Service for one device, 2 year subscription

SW-XIOC-S-3
Crestron XiO Cloud Standard Provisioning and Management Service for one device, 3 year subscription

Notes:

1. A headset is not included. Visit https://partnersolutions.skypeforbusiness.com/solutionscatalog/personal-peripherals-pcs for recommended accessories.
2. New UC-P100-T phones may be added to existing Crestron XiO Cloud subscription accounts at a discounted rate. An additional purchase toward the existing subscription account term may be required. For more information, please contact license@crestron.com.

Crestron® Flex VoIP Desk Phone for Microsoft Teams® Software

1.99 in.
50.64 mm

1.81 in.
45.86 mm

8.03 in.
204.00 mm

1.78 in.
45.15 mm

1.87 in.
47.39 mm

7.66 in.
194.44 mm

60°

6.48 in.
164.48 mm

10.22 in.
259.40 mm

6.88 in.
174.61 mm

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