

UC-P8-T-C-HS

Crestron Flex 8 in. Video Desk Phone with Handset for Microsoft Teams® Software



- *Native Microsoft Teams® touch screen UX with simple operation and one-touch meeting joins*
- *Supports Teams® display upgrade*
- *Built-in camera for HD video calling*
- *Dedicated Microsoft Teams button*
- *Wideband HD voice quality*
- *Hearing aid compatible handset*
- *Wired or Bluetooth® enabled headset support*
- *Easy to specify and install – no custom design, programming, or software installation required*
- *Enterprise-grade security – connects and communicates securely over any enterprise or SMB network*
- *Network management and provisioning and system alerts through the XiO Cloud® service*

The Crestron Flex UC-P8-T-C-HS desk phone provides a premium video collaboration solution for use with the Microsoft Teams intelligent communications platform. It offers Full HD quality video and audio calling, capability to view and zoom the shared content, and full-duplex hands-free speakerphone capability in an elegant desktop design. It features a large 8 in. color touch screen display, built-in Full HD camera with privacy shutter, hearing aid compatible handset, and wired or Bluetooth® enabled headset support.^{1,2} 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.

Native Microsoft Teams® Rooms Experience

The UC-P8-T-C-HS 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 calendar, corporate directory access, and hot desking are provided. The UC-P8-T-C-HS works with a Microsoft Teams account and connects to an enterprise or SMB network implementing a cloud based Microsoft Teams deployment.

Supports Microsoft Teams® Display Upgrade

The UC-P8-T-C-HS Microsoft Teams desk phone can be upgraded to Microsoft Teams display³.

In addition to Microsoft Teams supported features, Microsoft Teams display offers unique features such as:

- **Dedicated displays for Teams** allow users to access all core Teams features.
- **Ambient personalizable display** allows users to see important activities and notifications without context-switching on their primary work device.
- **Leave a note on lock screen** allows users to check audio, video, and text notes left by guests.

To learn more, see [Microsoft Teams displays](#).

NOTES:

- The UC-P8-T-C-HS desk phone cannot be reverted to a Microsoft Teams phone once upgraded to Microsoft Teams display.
- The handset and capacitive Microsoft Teams button is not supported by Microsoft Teams display software. Therefore, remove the handset after upgrading the desk phone to Microsoft Teams display.

Intuitive User Interface

The large 8 in. HD touch screen makes the desk phone easy to use. The capacitive buttons provide the essential controls for managing a call in progress, muting or adjusting volume, switching to hands-free or headset mode², and a dedicated Teams button to launch the home screen or calls app. 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.

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High-Definition Video Conferencing

The built-in camera with a wide-angle 96° diagonal field of view, Full HD 1080p video resolution, 2 MP CMOS sensor, and advanced video processing ensures a clear video image free from light or noise artifacts.

High-Definition Audio Conferencing

The UC-P8-T-C-HS desk phone facilitates conversations with highly intelligible voice clarity, whether speaking privately on the handset or a headset¹, 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.

Hot Desking

For organizations employing shared workstations or offices, workers can log in at any UC-P8-T-C-HS desk 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.

Enterprise-Grade Security

Crestron Flex is an enterprise-grade solution, engineered in partnership with Microsoft to integrate seamlessly into any Microsoft Teams Rooms software deployment. Crestron Flex is ideally equipped for mass deployment throughout any sized facility.

Easy Provisioning and Device Management

The XiO Cloud service is an IoT cloud based provisioning service that enables installers and IT managers to easily deploy and manage thousands of devices.

Visit www.crestron.com/xiocloud for additional information.

Specifications

Included Components

UC-P8-T-C-HS	Crestron Flex 8 in. Video Desk Phone with handset for Microsoft Teams® Software:
	<ul style="list-style-type: none">• Cable, CAT5e, RJ45-to-RJ45, approx. 12 ft (3.7 m)• HD wideband handset• Cable, handset, RJ9-to-RJ9, approx. 11.5 ft (3.5 m)

Communications

Ethernet	Dual 10/100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP, TCP/IP, UDP/IP, CIP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), SRTP, IEEE 802.1X, Active Directory® authentication, digest access authentication, password login, XiO Cloud client, Microsoft Intune® client, IEEE 802.3at Type 2 PoE+ compliant
VoIP	Microsoft Teams client; compatible with Office 365 cloud service; supports Enterprise Voice, Phone System, Office 365 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
Wi-Fi®	Dual-band 802.11a/b/g/n/ac (2.4 GHz & 5 GHz)
Bluetooth®	Bluetooth V5.0 BR+EDR+BLE
USB	USB 3.0

Camera

Image Sensor	2 Megapixel CMOS sensor
Resolution/FPS	HD 1080p @ 30 fps
Field of View	96° diagonal, 88° horizontal, 57° vertical
Camera Shutter	Yes

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Audio

AEC	Automatic Gain Control, Dynamic Noise Reduction, Acoustic Echo cancellation, Full-duplex IEEE 1329 Type 1 compliant
Microphones	Built-in 2 I ² S digital MEMS microphones, omni-directional microphones, 360-degree of audio pickup
Speaker	Full range speaker; Amplifier Power: 2 Watts (rated power); Output Volume: 87 ±3 dBA
Handset	HD wideband handset, hearing aid compatible (HAC)

Occupancy Sensor

PIR Detection Range	Approx. 6.5 ft (2 m) in front of touch screen, wakes touch screen and display device
Ambient Light Sensor	Controls brightness of the touch screen

Touch Screen

Display Type	TFT active matrix color LCD
Size	8 in. (203 mm) diagonal
Resolution	1280 x 800 pixels
Touch Screen	Capacitive, multi-touch capable
Language Support	Arabic (AR), Simplified Chinese (ZH-CN), Traditional Chinese (ZH-TW), Czech (CS), Danish (DA), Dutch (NL), English (UK), English (US), Finnish (FI), French (FR), German (DE), Greek (EL), Hebrew (HE), Hungarian (HU), Italian (IT), Japanese (JP), Korean (KO), Norwegian (NO), Polish (PL), Portuguese - Portugal (PT-PT), Portuguese -Brazil (PT-BR), Romanian (RO), Russian (RU), Slovak (SK), Spanish (ES), Swedish (SV), Thai (TH)

Buttons & Indicators

Capacitive buttons	(6) Capacitive buttons for Teams, Volume +/-, Headset*, Mute*, Speakerphone*; *Buttons are LED backlit to indicate active status
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Light Bar (Status LED)

(1) Light Bar (below touch screen) illuminates different colors to indicate the following states of the device:

- Flashes green to indicate Boot up
- Blinks red to indicate Boot fail
- Flashes yellow intermittently to indicate voicemail
- Solid red indicates phone is muted, solid green indicates call is in progress
- Blinks blue to indicate Bluetooth headset pairing
- Solid blue to indicate Bluetooth headset paired
- Off to indicate idle

Hook Switch

(1) Magnetic 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
Handset	(1) RJ9 4P4C connector, female; For handset
Headset	(1) USB-C® connector*, female; For headset (not included) *Backward compatible with USB-A peripherals via USB-C to USB-A adaptor (not included)

Power

Power over Ethernet	Class 4 PoE+ powered device* *POE injector available separately
Power Consumption	~ 17 W

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (non-condensing)

Construction

Housing	Metal and plastic, fixed-angle touch screen
Mounting	Surface mount, wall mount (optional)

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Dimensions

Height	8.30 in. (211 mm)
Width	10.98 in. (279 mm)
Depth	4.96 in. (126 mm)

Weight

3.79 lb (1.72 kg)

Compliance

FCC Part 15 class B, ICES-003 Issue 6 Class B, EN 55032, EN55035 / EN61000-4

Regulatory Model: M202029002

Models

UC-P8-T-C-HS

Crestron Flex 8 in. Video Desk Phone with Handset for Microsoft Teams® Software

UC-P8-T-C-HS-I

Crestron Flex 8 in. Video Desk Phone with Handset for Microsoft Teams Software, International

Available Accessories

For a list of available accessories, visit the [UC-P8-T-C-HS](#) product page.

Notes:

1. The headset is not included. Visit <https://www.microsoft.com/en-us/microsoft-365/microsoft-teams/across-devices/devices/> for recommended accessories.
2. Only one headset, either wired or Bluetooth-enabled, is supported at a time.
3. To upgrade the UC-P8-T-C-HS Microsoft Teams phone to Teams Display, refer to its [product manual](#).

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting <https://www.crestron.com/contact/our-locations> for your local contact.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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