

## Devices & Phones

# Avaya IX™ Collaboration Unit CU360



**Combine the award-winning Avaya IX™ Collaboration Unit CU360 with Avaya Spaces™ cloud-based team collaboration service to create a powerful and simple solution for the Home Office as well as Small Offices and any Corporate Huddle Space.**

Whether in the office or home, on the go, or participating in group meetings, today's business communicators need full access to their favorite cloud applications. The Avaya IX Collaboration Unit is designed for the cloud, and uses unique Avaya next generation technology to deliver all that the cloud has to offer to any business space. It is an ideal stand-alone solution to enable individual workgroups or small to midsize businesses, and it can also be used as an integrated video endpoint to expand your existing collaboration infrastructure.

It provides the ultimate in simplicity of setup and use, integrates with your existing UC platform, integrates with any existing standards-based video infrastructure, and allows you to access and use cloud-based applications. It is all you need to turn any space—including huddle spaces or huddle rooms—into a cloud-enabled collaboration room.

The Avaya IX Collaboration Unit can be set up in minutes, and its all-in-one design purpose-built for video collaboration delivers crystal clear audio and video every time—and does not depend on the quality or performance of a separate laptop or PC. This simplicity and performance will encourage employees to use video for their meetings instead of just audio, adding a personal connection to training, brainstorming, and other team meetings and customer interactions.

### **Delivers Affordable Enterprise Collaboration to Any Size Business**

The Avaya IX Collaboration Unit represents a breakthrough in delivering capabilities typically included in more costly Enterprise room conferencing systems at a price that works great for huddle space transformation. The device contains state-of-the-art capabilities, including full HD 1080p video, a 4K camera sensor, and 4K display support.



- Delivers all the cloud has to offer to any business space
- All-in-one device delivers the ultimate in simplicity
- Seamless Avaya Spaces™ integration
- Integrates with existing UC platform
- Interoperable with existing video infrastructure
- Higher quality & reliability than using a PC or laptop

It delivers dual HD live video and content, a very wide field of view and an integrated microphone array for crystal clear audio. It delivers the capabilities essential to businesses including meeting recording, directory service and address book, and security. It supports both Session Initiation Protocol (SIP) and H.323 for integration with your existing UC platform—and allows for redundant configuration. It also interoperates with existing standards-based video infrastructures.

### Smart Collaboration

Share content and applications wirelessly, using your smart mobile device. H.239 and BFCP offers content interoperability with nearly any video room system. Avaya Spaces™ and Avaya Workplace delivers the ultimate collaboration experience with lightning fast screen response and lower bandwidth requirements.

### Next Generation Cloud Capabilities

The Avaya IX Collaboration Unit can access and run cloud-based Android® applications and gives you your choice of cloud-based collaboration tools. It is also fully integrated with Avaya Spaces™, the cloud-based team collaboration and meeting tool that allows users to chat, have audio and video conferencing, share files, manage tasks in an easy to use application that you can access from anywhere.

### Easy to Use & Setup

With only two or three cables need to be connected—depending on whether you are using Ethernet or Wi-Fi—installation is a snap. This all-in-one device rests on top of any display, and the integrated video codec, microphones and Bluetooth connectivity means there are no cables on the table. Its remote control includes a full keyboard to further simplify setup and use.

## Avaya IX Collaboration Unit Specifications

### Communications

IP: H.323, SIP (RFC 3261)  
 Bit rate: H.323, SIP: up to 4Mbps  
 MCU compatibility: H.243, H.231  
 XMPP Presence supportn

### Video Features

2 simultaneous channels:  
 camera + content

### Video Protocols

H.264, H.264 High Profile  
 Dual: H.239 (H.323); BFCP (SIP)  
 SVC (Scalable Video Coding)  
 H.263+ is supported with  
 resolutions up to 4CIF@15fps.  
 Only RFC2429 is supported.  
 Custom formats and annexes  
 are not supported.

### Live Video Encoding Format

1920 x 1080p @ 25, 30fps  
 1280 x 720p @ 25, 30fps  
 1024 x 576p @ 25, 30fps: w576p  
 848 x 480p @ 25, 30fps: w480p  
 768 x 448p @ 25, 30fps: w448p  
 704 x 576p @ 25, 30fps: 4CIF  
 704 x 480p @ 25, 30fps: 4SIF  
 624 x 352p @ 25, 30fps: w352p  
 576 x 336p @ 25, 30fps  
 512 x 288p @ 25, 30fps: wCIF  
 416 x 240p @ 25, 30fps: w240p  
 400 x 224p @ 25, 30fps  
 352 x 288p @ 25, 30fps: CIF  
 352 x 240p @ 25, 30fps: SIF

### Camera

Sensor: 4kp30  
 Video resolution: 1080p30  
 Horizontal Field of View: 102°  
 Vertical Field of View: 68°  
 Digital zoom: 5x  
 Preset up to 122 presets  
 (web managed) - up to 10  
 presets (GUI managed)  
 Speaker Auto-Tracking Mode

### Video Input

Live video from built in camera up  
 to 1920 x 1080p30fps  
 Wireless presentation with Screen  
 Link up to 1920 x 1080p15fps

### Video Output

1x HDMI @ 3840 x 2160 @ 25,  
 30fps; 1920 x 1080 @ 25, 30fps;  
 1280 x 720 @ 25, 30fps

### Audio Features

Acoustic echo cancellation  
 Audio error concealment  
 Automatic Gain Control (AGC)  
 Automatic noise suppression

### Audio Protocols

G.711  
 G.719  
 G.728 and G.729 A/B  
 G.722, G.722.1, G.722.1 Annex C  
 Opus

### Microphone

Microphone array (4mics)

### Audio Inputs

Bluetooth

### Audio Outputs

1 x HDMI  
 Bluetooth

### Content Sharing / Web Collaboration Features

Wireless presentation up to  
 1080p15fps  
 Present content using Android  
 Apps and USB key  
 Share content up to 1080p15fps  
 through HDMI using the optional  
 AV grabber connected to the  
 USB port (device included in the  
 Optional Cable Kit, not part of the  
 default CU360 box)  
 Supported laptop resolutions are  
 as follows:  
 1920x1080p30, 50, 60  
 1680x1050p60  
 1280x1024p60  
 1280x720p50, 60  
 1024x768p60  
 800x600p60  
 (CU360 firmware v10.1 SP1 or  
 higher is required for this)

### (Split & Share)

### Content Sharing / Web Collaboration Protocols

Dual video: H.239 (H.323); BFCP  
 (SIP)  
 Avaya IX™ Workplace native web  
 collaboration

### USB Ports

1 x USB-C  
 1 x USB3

### Network Features

IPv4 and IPv6 simultaneous  
 support  
 Auto Gatekeeper discovery  
 QoS support: IP Precedence,  
 IP Type of Service (ToS),  
 Differentiated Services (diffserv)  
 Avaya NetSense bandwidth  
 adaptation for high quality over  
 unmanaged networks

### IP Adaptive Packet Management

Flow control  
 Packet Loss based down-speeding  
 Packet Loss recovery policies

### Network Protocols

DHCP, DNS, HTTP, HTTPS, RTP/  
 RTCP, SNTP, STUN, TCP/IP,  
 TELNET, TFTP, 802.1q and 802.1p

### Network Interfaces

10/100/1000 Base-T full-duplex  
 (RJ-45)  
 Wi-Fi  
 (802.11a/b/g/n, 802.11ac, Hotspot)

### User Interface

25 language on-screen user  
 interface  
 Infrared remote control  
 API for endpoint control  
 Avaya Control application for  
 Apple iPad and iPhone  
 Microsoft Exchange calendar  
 integration  
 Android™ apps can be downloaded  
 on the device and used alongside  
 the Avaya IX Collaboration Unit  
 video-communication application  
 (Android is a trademark of Google LLC).  
 Touch Screen Monitor control  
 supported  
 "Speaker Tracking support for  
 huddle rooms  
 Google Services Framework  
 support by means of OpenGapps  
 Automatic Configuration using  
 credentials on Avaya IX™  
 Workplace on prem External  
 Keyboard/Mouse supported  
 through USB interface or Bluetooth

### Directory Service & Address Book

LDAP Client (H.350)  
 Receive global address book from  
 LDAP Server including Avaya IX™  
 Workplace

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**Transform any space into a cloud-enabled collaboration room where people can seamlessly interact and share applications and content.**

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### Firewall Traversal

Auto NAT discovery HTTP and STUN  
H.460.18, H.460.19  
"Keep Alive" packet time configurable

### Security Features

Embedded encryption  
H.323 security per H.235v3 / Annex D  
SIP security per SRTP and TLS 1.2, enciphering up to AES-256  
SIP "Digest" authentication (MD5)  
RTP media enciphering with AES-256  
Public-Key including Diffie-Hellman (2048 bits), RSA (up to 4096 bits)  
Cryptographic hash (up to SHA-512)  
Web access via HTTPS  
Selective enable / disable of IP features  
White list support  
Avaya Enhanced Access Security Gateway (EASG) support

### Meeting Recording

Recording on USB key / disk  
Feature supported in call and out of a call  
Supported disks with file system FAT32, EXT2, EXT3, EXT4.  
Recorded file resolution 720p25 (rescaled to 720p when exceeding such resolution)  
Control API commands available to transfer the recorded file to a remote FTP server  
Recording not supported when sharing data from the device using Screen Link  
Digital signature for recorded files

### Web Management

Configuration, call, diagnostics and management functions are accessible with Internet Explorer 8.0+, Firefox 3.6+, Safari 5.0+, Chrome 11.0+, Opera 11+  
Automatic Firmware Upgrade through Cloud

### Power Supply

100-240VAC, 50-60Hz, 2.5A max.  
Optional: PoE+ IEEE 802.3at.  
Isolated PoE splitter with output DC voltage +5,25V@3A (15,75W)

### Physical Characteristics

28.0cm (11.0") L x 5.5cm (2.2")  
W x 6.5cm (2.6") H

### Interoperability

Calendar integration for third party cloud like Zoom, BlueJeans, Webex, Pexip

For detailed information, please contact an Avaya representative for the interoperability report.

Interoperability with Open SIP platforms like Broadsoft 22.0, Asterisk™ 16.5, 3CX™ 16.0, FreeSWITCH™ 1.8, Cisco, Polycom, Huawei, Lifesize, Yealink video systems, Cisco Webex (via SIP gateway), Blue Jeans, Zoom, Hangouts, Pexip, Starleaf

### Software Platform

- Avaya Aura® 7.0 & Avaya IP Office™ 11.0

### Support for Spaces Meeting

Try Avaya Spaces for FREE now!

## About Avaya

Businesses are built on the experiences they provide and every day millions of those experiences are built by Avaya (NYSE:AVYA). For over one hundred years, we've enabled organizations around the globe to win—by creating intelligent communications experiences for customers and employees. Avaya builds open, converged and innovative solutions to enhance and simplify communications and collaboration—in the cloud, on premise, or a hybrid of both. To grow your business, we're committed to innovation, partnership, and a relentless focus on what's next. We're the technology company you trust to help you deliver Experiences that Matter. Visit us at [www.avaya.com](http://www.avaya.com)