

## Devices & Phones

# Avaya IX Collaboration Unit CU360

## Affordable Enterprise Capability for Any Size Business

Whether in the office, 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
- Integrates with existing UC platform
- Interoperable with existing video infrastructure

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 Equinox® 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 Equinox® Meetings Online to deliver a seamless and productive collaboration experience.

### 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.



**It is instinctively  
easy to use,  
and delivers  
the future of  
business  
collaboration.**

## 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)

### 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: 3x

### 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

### 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 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 is  
required for this)

### (Split & Share)

### Content Sharing / Web Collaboration Protocols

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

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

## 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).

## 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

- 24 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).

## Directory Service & Address Book

- LDAP Client (H.350)
- Receive global address book from LDAP Server including Avaya Equinox

## 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

## 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+

## 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

## Power Supply

- 100-240VAC, 50-60Hz, 2.5A max.

## Physical Characteristics

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

## Firewall Traversal

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

\* Note: All specifications are preliminary and subject to change without notice.

