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.

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

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