AVAYA

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

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

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

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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

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

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