



Avaya Collaboration Unit CU360

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 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 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 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®, Avaya Workplace and Avaya Cloud Office™ Rooms delivers the ultimate collaboration experience with lightning fast screen response and lower bandwidth requirements.

Next Generation Cloud Capabilities

The Avaya Collaboration Unit can access and run cloud-based Android™ applications (Android is a trademark of Google LLC) 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 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 Server support

Video Features

2 simultaneous channels: camera + content

Video Protocols

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

Live-Video

1920x1080 @ 25, 30fps
 1280x720 @ 25, 30fps
 1024x576 @ 25, 30fps: w576p
 848x480 @ 25, 30fps: w480p
 768x448 @ 25, 30fps: w448p
 704x576 @ 25, 30fps: 4CIF
 704x480 @ 25, 30fps: 4SIF
 624x352 @ 25, 30fps: w352p
 576x336 @ 25, 30fps
 512x288 @ 25, 30fps: wCIF
 416x240 @ 25, 30fps: w240p
 400x224 @ 25, 30fps
 352x288 @ 25, 30fps: CIF
 352x240 @ 25, 30fps: SIF

Camera

Sensor: 4Kp30
 Video resolution: 1080p30
 Horizontal Field of View: 102°
 Vertical Field of View: 68°
 Digital zoom: 5x
 Presets: up to 122 presets (web) - up to 10 presets (GUI)
 Tracking Modes: Speaker Tracking (also for third-party apps) and Auto-Framing

Video Input

Live video from built in camera up to 1920x1080 @30fps
 Live video from additional IP RTSP Camera up to 1080p30
 Live video from additional USB cameras supported on USB A (including native PTZ), up to 720p30 resolution

Video Output

1x HDMI @ 3840x2160 @ 25, 30fps; 1920x1080 @ 25, 30fps;
 1280x720 @ 25, 30fps
 1xHDMI via USB Type-C self-powered adapter 1920x1080 @ 25, 30fps; 1280x720 @ 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
 Mini-Jack Line-in and HDMI via the optional A/V grabber accessory
 USB Speaker-phone or headset

Audio Outputs

1 x HDMI
 Bluetooth
 USB Speaker-phone or headset

Content Sharing / Web Collaboration Features

Wireless presentation with Avaya Screen Link or Wi-Fi Display (Miracast), up to 1080p @15 fps
 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:

1920x1080 @ 30, 50, 60fps

1680x1050 @ 60fps

1280x1024 @ 60fps

1280x720 @ 50, 60fps

1024x768 @ 60fps

800x600 @ 60fps

Collaboration Protocols

Dual video: H.239 (H.323); BFCP (SIP)

Web Collaboration for Avaya Workplaces and Spaces

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, RTMP/s, RTSP,

SNTP, STUN, TCP/IP, TELNET, TFTP, 802.1q/p/x

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 Collaboration Control app for smartphones/tablets

Android™ apps can be downloaded on the device and used alongside the Avaya Collaboration Unit video-

communication application

Touch Screen Monitor control supported

Support for huddle rooms

Google™ Services Framework support via Avaya

AppsProvider

Automatic Configuration using credentials on

Avaya Workplace on prem

External Keyboard/Mouse supported through USB or Bluetooth

Transmit the site name in overlay over video

Support for DES autoprovisioning

Support for PEXIP autoprovisioning

Directory Service & Address Book

LDAP Client (H.350)

Receive global address book from LDAP Server including Avaya Meetings

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 — H.235v3 / Annex D

SIP security — 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

Kensington lock

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

Control API commands available to transfer the recorded file to a remote FTP server

Recording not supported when streaming

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 (OTA)

Combine the award-winning Avaya 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.

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 as appliance 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

Support to DingTalk SIP cloud service

Support for Pexip Provisioning

Run natively on the device Android™ apps such as Cisco Webex, Google Meet, Jitsi Meet8x8, Rainbow Alcatel, Avaya Spaces, Microsoft Teams, PEXIP, Zoom, Skype free IM & video calls, Skype for Business, Ring Central, Ring Central Meetings, Google Hangouts, StarLeaf, BlueJeans, GotoMeeting, Lifesize, Avaya Cloud Office™ Rooms

Command from B109, B129, B199 device via Bluetooth supported

Plug and play USB connectivity with virtually any video conferencing application

Software Platform

Avaya Aura® 7.0 & Avaya IP Office™ 11.0

Android™ Platform Operating System (v. 10)



About Avaya

Businesses are built by the experiences they provide, and every day millions of those experiences are delivered by Avaya Holdings Corp. (NYSE: AVYA). Avaya is shaping what's next for the future of work, with innovation and partnerships that deliver game-changing business benefits. Our cloud communications solutions and multi-cloud application ecosystem power personalized, intelligent, and effortless customer and employee experiences to help achieve strategic ambitions and desired outcomes. Together, we are committed to help grow your business by delivering Experiences that Matter.

Learn more at www.avaya.com.