Devices & Phones

Avaya IX Collaboration Unit

Affordable Enterprise Capability for Any Size Business

Deliver a powerful mix of enterprise class communications and smart collaboration using Avaya's new IX Collaboration Unit. It is a compact all-in-one video collaboration unit with full HD 1080p performance that turns any space into a video collaboration room. Going beyond the integrated 4K wide-angle video camera and microphone array for voice pickup and clarity, the open system delivers smart collaboration for teams with simultaneous support for popular workplace productivity applications.

The IX Collaboration Unit provides quick and easy "huddle room" set-up, and is cost-effective for enabling all of your smaller meeting rooms and spaces, it delivers utility, interoperability, security, and an exceptional experience for training, brainstorming, team and customer meetings with a personal connection. It's ease of installation and use make it ideal for individual workgroups, small to midsize businesses, or complementing an enterprise collaboration deployment.

Affordable Enterprise Capability for Any Size Business

The Avaya IX Collaboration Unit provides an exceptional experience through full HD 1080p video, a 4K camera sensor, along with 4K display support. It delivers dual HD live video and content, while interoperability with H.323 and SIP enables connectivity to any standardsbased video system. Integrated with Avaya UC-Avaya Equinox®, Avaya Aura®, and Avaya IP Office™; or can be setup independently, it delivers enterprise class features for businesses of any size.

- Secure, standards based and easy to set up and use.
- Built for the cloud and provides full access to the Android library of applications providing a new level of personalization and productivity.
- Avaya Equinox® ensures all team members have a seamless collaboration experience using the device of their choice.

Smart Collaboration

Wireless screen and application sharing via Avaya Screen Link permits high resolution presentations without cables. H.239 and BFCP offers content interoperability with nearly any video room system, while Avaya Equinox® Conferencing web collaboration support delivers an even better collaboration experience with faster screen response and lower bandwidth requirements.

Cloud Integrated

Integration with cloud services such as Avaya Equinox Meetings Online offers a seamless and productive collaboration experience auto provisioning for quick setup without technical resources. Cloud workspace productivity application support for Office 365, Google Apps, Dropbox, Salesforce and more enable teams to get more done. Android™ app support for a near infinite potential.

Easy to Use & Setup

Quick to setup, only two cables to connect, this all-in-one system easily rests on top of your meeting room display. Wi-Fi, an integrated microphone array, and Bluetooth peripheral connectivity means no cables on the table. Designed for contextual collaboration, the device identifies users and preferences, offering up tools and applications appropriate to the business activity. Instinctively easy to use, with control by mobile apps, it is tailored for the future of collaboration.

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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)

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

USB Ports

1 x USB-C
1 x USB3

Audio Features

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

Audio Protocols

G.711
G.719
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

Content Sharing / Web Collaboration Protocols

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

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

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Just plug in the new Avaya IX Collaboration Unit and transform any space into a video collaboration room where people can present and collaborate wirelessly from any laptop, mobile or tablet via WiFi and Bluetooth—seamlessly sharing and moving between content.

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)

Firewall Traversal

Auto NAT discovery HTTP and STUN

H.460.18, H.460.19

"Keep Alive" packet time configurable

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

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

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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