Avaya Room System XT Executive 240

The Avaya Room System XT Executive 240 integrates the advanced XT video conferencing platform with a high resolution 24–inch LED display. The XT Executive has a 24" full HD LED display, HD camera, high fidelity speakers, echo cancelling microphone and advanced video collaboration platform that provides an elegant all-in-one desktop video conferencing system and PC display.

The system also offers optional embedded multi–party conferencing for impromptu group meetings, HD 1080p for highly detailed content sharing and simultaneous 1080p video for an outstanding experience. H.264 High Profile and H.264 Scalable Video Coding (SVC) deliver bandwidth efficient, high performance video collaboration over real world networks.

Integrated Desktop Video Conferencing & PC Display

With a 24" full HD LED display, HD camera, high fidelity speakers, echo cancelling microphone, and advanced video conferencing platform, the XT Executive delivers an elegant all-in-one desktop video conferencing system and PC display. The modern design of the XT Executive complements any executive's desktop.

Exceptional HD Experience

HD 1080p for highly detailed content sharing and simultaneous 1080p video deliver an outstanding experience. H.264 High Profile provides ultimate bandwidth efficiency and H.264 Scalable Video Coding (SVC) offers high performance over congested networks. The XT Executive delivers an exceptional experience for real–world user applications and network conditions.

Intuitive, Easy to Use

Making video calls is easy and intuitive with no training required. A simple to use application provides complete control from a PC or Mac. With Microsoft Exchange calendar support, users can join meetings directly from the integrated calendar. The on–screen participant list gives leaders full meeting moderation. Avaya Mobile Link enables seamless meeting transitions with your Avaya mobile conferencing application, while optional Apple iPad or iPhone control makes the XT Executive even easier to use.

Embedded Multi–Party Conferencing

The Avaya Room System XT Executive 240 offers optional embedded multi–party conferencing with support for up to four participants. This dedicated multipoint collaboration capability is always at the ready for impromptu group meetings in today's fast–paced business environment.

All-in-one, Easy to Deploy

The XT Executive 240 is also offered as a unique all-in-one video collaboration solution combining its room system capabilities with embedded four–way multi–party conferencing, along with desktop and mobile connectivity for remote participants including firewall traversal. The system can also be automatically configured with minimal user intervention. A provisioning code entered at startup configures the XT Executive with a profile created through Avaya Equinox™, enabling deployment without technical resources.

Avaya Room System XT Executive 240 Specifications

Display

▪ Screen size: 23.6" widescreen

▪ LED technology

▪ Native resolution: 1920 x 1080 (16:9, 1080p)

▪ Viewing angle: 170/160° (typical)

▪ Brightness: 250cd/m2 (typical)

▪ Contrast ratio: 1000:1 (typical)

▪ Response time: 2ms

▪ Swivel stand

Communications

▪ IP: H.323, SIP (RFC 3261)

▪ Bit rate: H.323, SIP: up to 6/12 Mbps

▪ MCU compatibility: H.243, H.231

▪ XMPP Presence Server

Video

▪ 2 simultaneous channels: 1080p camera + 1080p content

▪ H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC

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

With more than 100 years as a leader in communications, Avaya can help your company maximize productivity with the communications solutions specific to the needs of your workforce.

- RTMP support for video streaming

- RTSP support for video streaming

- RTX support for error resiliency with Spaces

    Important: platforms listed below are for convenience only and are subject to change without notice. Facebook, Periscope/Twitter, YouTube, Adobe Media Server Live Stream, Meridix, NGINX, Red5 Media Server, Restream.io, Twitch, Ustream, Wowza Streaming Server - Recording License needed

- **HDMI input formats for auxiliary camera**

    1920 x 1080p @ 25, 30, 501 , 60fps1
    1280 x 720p @ 25, 30, 501 , 60fps1
    720 x 576p @ 50fps
    720 x 480p @ 60fps
    640 x 480p @ 60fps

- **PC content encoding formats:**

    Up to 1080p @ 60fps

- **Live video encoding formats**

    1920 x 1080p @ 25, 30, 50, 60fps
    1280 x 720p @ 25, 30, 50, 60fps
    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

- **DVI input formats**

    1920 x 1080p @ 60fps
    1600 x 900p @ 60fps (digital only)
    1440 x 900p @ 60fps: WSXGA
    1400 x 1050 @ 60fps
    1280 x 1024p @ 60, 75fps: SXGA
    1280 x 1024 @ 60fps
    1280 x 960p @ 60, 85fps: SXGA
    1280 x 768p @ 60fps: WXGA
    1280 x 800p @ 60fps: WXGA
    1280 x 720p @ 60fps
    1024 x 768p @ 60, 70, 75fps: XGA
    800 x 600p @ 60, 72, 75fps: SVGA
    640 x 480p @ 72, 75fps: VGA

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Camera

- Resolution: 1080p30

- Digital Zoom: 1.8x

- Field of View (H): 73°

Recording[1]

- Recording on USB drive

- USB drive formats: FAT32, EXT2, EXT3, EXT4

- Recording formats: MP4 file

Audio

- Stereo audio with optional Premium XT 3–way Microphone Array Pod

- Acoustic echo cancellation

- Adaptive post filtering

- Audio error concealment

- Automatic Gain Control (AGC)

- Automatic noise suppression

- Frequency response:

  G.711: 300—3,400 Hz
  G.728: 50—3,400 Hz
  G.729A: 50—3,400 Hz
  G.729AB: 50-3,400Hz
  G.722, G.722.1: 50—7,000 Hz
  G.722.1 Annex C: 50—14,000 Hz
  AAC—LD: 50—14,000 Hz
  AAC—LC: 50—14,000 Hz
  G.719: 50—20,000 Hz

Microphone

- 180° range

Integrated Speakers Audio/Video Interfaces

- **Video inputs:**

  1 x HDMI
  1 x DVI–I

- **Video outputs:**

  1 x HDMI, clone of first display

- **Audio inputs:**

  1 x HDMI
  1 x Microphone Array Pod (RJ–11)
  1 x 3.5 mm (1/8") line in jack for audio source (analog / digital with mini–TOSLINK adapter)

- **Audio outputs:**

  1 x 3.5 mm (1/8") line out jack (analog / digital with mini–TOSLINK adapter)

USB Ports[3]

- 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

- DTMF tones: H.245, RFC2833

- SNTP date and time synchronization

- **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, 802.1X, 802.1p

Network Interfaces

- 2 x 10/100/1000 Base–T full–duplex (RJ–45)

Firewall Traversal

- Auto NAT discovery HTTP and STUN

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Avaya Room System XT Executive 240 Options

- 4 Port Embedded 1080p30 MCU

- Desktop & Mobile Client Support

- Control Application for Apple iPad and iPhone

- Auxiliary Premium 1080p60 Camera

- XT 3-way Microphone Array Pod

- Premium XT 3–way Microphone Array Pod (Stereo Audio)

- 12 Mbps Extended IP Bit Rate

- Recording on USB Key / Disk

Support Services

Avaya offers a full set of services to help maximize a video investment. Strategic and technical consulting along with deployment and customization services help ensure that video collaboration rollouts are successful and aligned to business requirements.

Avaya support services maximizes up time with software updates, upgrades, remote maintenance and expert repairs.

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- H.460.18, H.460.19

- "Keep Alive" packet time configurable

Auxiliary Camera Interface

- VISCA RS232 for PTZ control (Mini–DIN 8–pin) User Interface

- Direct control from keyboard and mouse through PC/Mac application

- Control application for Apple iPad and iPhone1

- 25 language on–screen user interface

- Infrared remote control

- API for endpoint control

- Microsoft Exchange calendar integration

- Automatic Configuration using credentials on Equinox on prem

Far End Camera Control

- H.224, H.281

Directory Service & Address Book

- LDAP Client (H.350)

- Receive global address book from LDAP Server including Avaya Equinox

Embedded HD Multipoint Control Unit[1]

- H.323 and SIP mixed mode

- 4 HD continuous presence participants

- Desktop and Mobile Client support1

- Dial–in / Dial–out capabilities

- Encryption

- Automatic video layouts

- Dual–video from any site (H.323)

- Lecturer mode on system hosting the conference

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+

Security Features

- Embedded encryption2

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- 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

- API access via SSH

- Selective enable /

- disable of IP featurse

- White list support

- Camera shutter for privacy

- Transmit the Site Name in overlay

- Preset for USB camera

Power Supply

- 100–240 VAC, 50–60 Hz, 1A

Physical Characteristics

- Height: 49.5 cm (19.5")

- Width: 54.5 cm (21.5'')

- Depth: 25.0 cm (9.9'')

- Weight: 10.0 kg (22.1 lb)

- Back locking knob available to Adjust the height of the display of the XTE240 unit

Interoperability

- Calendar integration for third party cloud like Zoom, BlueJeans, Webex, Pexip

- For detailed information, please contact an Avaya representative for the interoperability report.

- Pexip management support

- Support to DingTalk SIP cloud service

- 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

Automatic Firmware Upgrade through Cloud

Support for Avaya Spaces Meeting via SIP Gateway

1. Optional.
2. Encryption is subject to local regulations and in some countries is restricted or limited. Please contact your Avaya representative for details.
3. USB supports recording, firmware upgrade, USB to serial adapter for control, limited headsets and cameras (USB2 camera support).

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