

## Audio and Video Conferencing



# Avaya XT Executive 240

## Premium Performance Desktop

The Avaya 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.

### Highlights

- Integrated Desktop Video Conferencing & PC Display
- Exceptional HD Experience
- Intuitive, Easy to Use
- Embedded Multi-Party Conferencing
- All-in-one, Easy to Deploy

## 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 XT Executive 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.

## XT Executive 240 Specifications

### Display

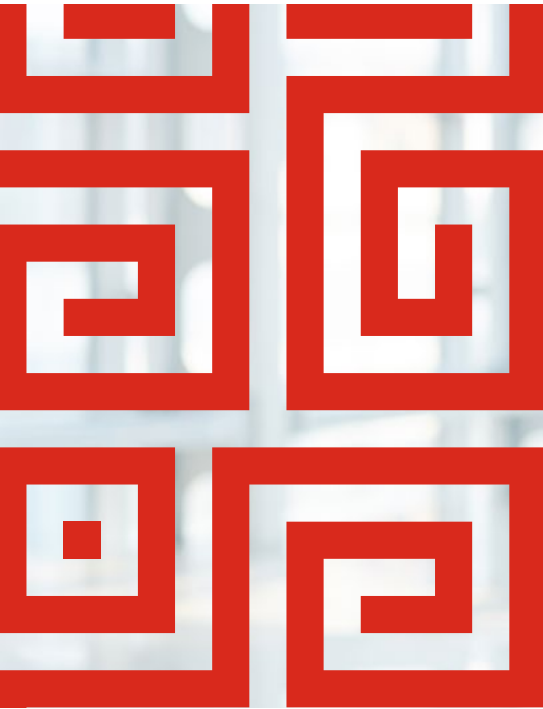
- Screen size: 23.6" widescreen
- LED technology
- Native resolution: 1920 x 1080 (16:9, 1080p)
- Viewing angle: 170/160° (typical)
- Brightness: 250cd/m<sup>2</sup> (typical)
- Contrast ratio: 1000:1 (typical)

- 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



**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.**

## 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)
- RTMP support for video streaming
- **HDMI input formats for auxiliary camera**
  - 1920 x 1080p @ 25, 30, 50<sup>1</sup>, 60fps<sup>1</sup>
  - 1280 x 720p @ 25, 30, 50<sup>1</sup>, 60fps<sup>1</sup>
  - 720 x 576p @ 50fps
  - 720 x 480p @ 60fps
  - 640 x 480p @ 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

- **PC content encoding formats:**

Up to 1080p @ 60fps

## Camera

- Resolution: 1080p30
- Digital Zoom: 1.8x
- Field of View (H): 73°

## 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

## Recording<sup>1</sup>

- 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.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<sup>3</sup>

- 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
- 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 iPhone<sup>1</sup>
- 24 language on-screen user interface

## 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.

- Infrared remote control
- API for endpoint control
- Microsoft Exchange calendar integration

## 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<sup>1</sup>

- H.323 and SIP mixed mode
- 4 HD continuous presence participants
- Desktop and Mobile Client support<sup>1</sup>
- 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 encryption<sup>2</sup>
- 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 feature
- White list support
- Camera shutter for privacy

## 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

## 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](http://www.avaya.com).

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).

