Avaya Scopia® XT5000 Room System
Exceptional Experience, Extraordinary Power

The Avaya Scopia® XT5000 provides exceptional video, audio, and data quality along with ease-of-use designed to make users successful. The XT5000 incorporates dual 1080p/60fps live video and content, HD audio, simultaneous H.264 High Profile and Scalable Video Coding (SVC), and multi-party calling. The PTZ camera, supporting 1080p/60fps, offers 10x optical zoom (40x digital) and wide-angle capability for viewing details and an entire group.

The second video stream can be used with an additional camera or for high resolution 60fps data and content sharing. An embedded MCU with support for continuous presence with up to 9 participants is available. The advanced audio system delivers CD-quality, 20 kHz audio and includes a three-way beam forming digital microphone pod that isolates the speaker from noise. The user interface is designed for simplicity along with Apple iPad control for enhanced capabilities. The XT5000’s refinement not only enhances the user experience but its modern hardware design complements any conference room.
Exceptional Experience
The Avaya Scopia XT5000 sets the standard for an exceptional conferencing experience. Simultaneous HD 1080p/60fps for live video and content and CD-quality, 20 kHz audio deliver an outstanding experience. H.264 High Profile provides ultimate bandwidth efficiency and H.264 Scalable Video Coding (SVC) offers high network error resiliency. The XT5000 delivers excellent performance in real-world network conditions.

Extraordinary Power
The Scopia XT5000 harnesses extraordinary power for the most demanding conferencing applications. Two full 1080p/60fps video channels, H.264 High Profile and SVC, an embedded 9-way multi-party MCU, Apple iPad Multi-Touch control – all combine to make the XT5000 one of the most powerful conferencing systems ever created in its class.

Sleek and Elegant Design
The XT5000’s refinement and polish go beyond the user experience to the sleek and elegant hardware design of the system. The XT5000 is a natural fit for today’s businesses.

Intuitive and Easy-to-Use
The Scopia XT5000 has been designed with the end user in mind. It delivers instant, intuitive and effective meeting control with little or no training required. With Microsoft Exchange calendar support, users can join meetings directly from the integrated system calendar. The advanced on-screen participants list gives leaders full meeting moderation. To further extend its user functionality, the system is also enabled for control via the Apple iPad device.

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All-in-one Solution
The XT5000 is also offered as a unique all-in-one video conferencing solution combining its room system capabilities with embedded 9-way multi-party conferencing, Scopia Desktop conferencing, and firewall traversal. Additionally, participants can utilize Avaya Scopia Mobile to join video conferences via the latest mobile devices.
Avaya Scopia XT5000 Specifications

Communications
• IP: H.323, SIP (RFC 3261)
• ISDN Supported through Scopia Gateway
• Bit rate: H.323, SIP: up to 6/12 Mbps; H.320: up to 2 Mbps
• MCU compatibility: H.243, H.231

Video
• 2 simultaneous 1080p60 channels: camera + auxiliary camera1 or camera + content
• H.263, H.263+, H.264, H.264 High Profile, H.264 SVC
• Dual video: H.239 (H.323); BFCP (SIP)

HDMI input formats
1920 x 1080 @ 25, 30, 50, 60fps
1280 x 720 @ 25, 30, 50, 60fps
720 x 576 @ 50fps
720 x 480 @ 60fps
640 x 480 @ 60fps

HDMI output formats
1920 x 1080 @ 25, 30, 50, 60fps
1280 x 720 @ 50, 60fps

Camera
• Resolution: 1080p60fps
• Presets: 122
• Field of View (H): 8° - 70°
• PAN / Tilt: ± 100° / ± 25°
• Far End Control: H.224, H.281

Recording
• Recording on USB key/disk
• USB disk formats: FAT32, EXT2, EXT3, EXT4
• Recording formats: MP4 file

Audio
• 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
- AAC-LD: 50 – 14,000 Hz
- AAC-LC: 50 – 14,000 Hz
- G.719: 50 – 20,000 Hz

Digital Microphone Array Pod
• 360° range
• Frequency response: 50 – 22,000 Hz
• Mute button
• Up to 2 cascaded pods

Audio/Video Interfaces
• Video inputs:
  1 x HDMI
  1 x DVI-I
  3 x Additional HDMI
• Video outputs:
  2 x HDMI for dual 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:
• 2 x HDMI
• 1 x 3.5 mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)

USB Ports
• 1 x USB2
• 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

Scopia XT5000 Options
• Additional Premium Camera
• Scopia XT 3-way Microphone Array Pod
• Advanced Camera, 20x Optical Zoom, Ceiling Mount, 1080p30
• 4 HD Port Camera / Source Switch
• 4/9 Port Embedded 1080p30 MCU
• Scopia Desktop and Mobile Support
• Extended IP Bit Rate: Multipoint = 12 Mbps, P2P = 10/8 Mbps (SIP/H.323)
• Advanced Audio Codec Pack (G.728 and G.729A)
• Codec Wall Mount
• Camera Wall Mount
### Security Features
- Embedded encryption\(^3\)
- H.323 security per H.235v3/Annex D
- SIP security per SRTP and TLS, enciphering up to AES-256
- SIP “Digest” authentication (MD5)
- RTP media enciphering with AES-128
- Public-Key including Diffie-Hellman (1024 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 features

### 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+

### Power Supply
- 100-240 VAC, 50-60 Hz, 2.5 A Max.

### Physical Characteristics
- **Horizontal / Vertical Mounting:**
  - W: 29 cm (11.4’’)
  - D: 16.5 cm (6.5’’)
  - H: 4 cm (1.6’’)
  - Weight: 2.4 kg (5.3 lb)
- **Camera / Optional Camera**
  - W: 25.0 cm (9.8’’)
  - H: 15.2 cm (6.0’’)
  - D: 13.5 cm (5.3’’)
  - Weight: 1.6 kg (3.5 lb)
- **Microphone Pod:**
  - W: 14.0 cm (5.5’’)
  - Weight: 0.3 kg (0.7 lb)

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