



The Power of We™

## Avaya Scopia® XT5000 Room System

Exceptional Experience, Extraordinary Power

### Highlights

- Exceptional Experience
- Extraordinary Power
- Intuitive and Easy-to-Use
- Sleek and Elegant Design
- All-in-one Solution



The Avaya Scopia® XT5000 is our flagship product in the Scopia series of room systems. 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.





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.

### **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.

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.

### **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,

### **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.

### **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<sup>1</sup> Supported through Scopia Gateway
- Bit rate: H.323, SIP: up to 6/12<sup>1</sup> Mbps; H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

## Video<sup>2</sup>

- 2 simultaneous 1080p60 channels: camera + auxiliary camera<sup>1</sup> or camera + content
- H.263, 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 1080p @ 25, 30, 50, 60fps  
1280 x 720p @ 25, 30, 50, 60fps  
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  
768 x 448p @ 25, 30fps: w448p  
704 x 576p @ 25, 30fps: 4CIF  
704 x 480p @ 25, 30fps: 4SIF  
576 x 336p @ 25, 30fps  
512 x 288p @ 25, 30fps: wCIF  
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  
1280 x 1024p @ 60, 75fps: SXGA  
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, 75 fps: XGA  
800 x 600p @ 60, 72, 75fps: SVGA  
640 x 480p @ 72, 75fps: VGA

- **PC content encoding formats:**  
Up to DVI input formats @ 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°
- Zoom: 10x optical, 4x digital, 40x total<sup>3</sup>
- Far End Control: H.224, H.281

## Recording<sup>4</sup>

- Recording on USB key/disk (with dual display systems, both displays show the same images while recording; uses 2 ports of the 9 port MCU, no impact on 4 port MCU), not available with encrypted call
- 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<sup>1</sup>  
G.729A: 50 – 3,400 Hz<sup>1</sup>  
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

## 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<sup>1</sup>
- **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<sup>5</sup>**  
• 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, STUN, STUN, TCP/IP, TELNET, TFTP, 802.1Q, 802.1X

Scopia XT5000 Models	Scopia XT5000 Options (All)	Scopia XT5000 Options (720 only)
Scopia XT5000	Additional Premium Camera	Full HD (1080p) Enable
Scopia XT5000 720	Additional Digital Microphone Pod	2nd GLAN Interface Enable
	Advanced Camera, 20x Optical Zoom, Ceiling Mount, 1080p30	40x (10x Optical, 4x Digital) Zoom Enable
	4 HD Port Camera / Source Switch	Scopia Control
	4/9 Port 1080p30 Embedded MCU	Recording on USB Key / Disk
	Scopia Desktop & Mobile Support	
	Extended IP Bit Rate: Multipoint = 12 Mbps, P2P = 10/8 Mbps (SIP/H.323)	
	Advanced Audio Codecs	

