

Scopia XT Meeting Center

Exceptional Experience, Unique Design



Premium All-in-One Solution

The Scopia XT Meeting Center is a high performance HD video conferencing solution powered by the Scopia XT5000. It integrates single or dual 55" 1080p premium displays in a specially designed, easy to maneuver cart for quickly creating a high quality meeting environment. The XT Meeting Center includes all the components for fast and easy turnkey implementation.



Exceptional Experience

The Scopia XT Meeting Center sets the standard for an exceptional conferencing experience. Unique simultaneous dual HD 1080p 60fps for live video and content and CD-quality, 20 kHz audio deliver outstanding quality. H.264 High Profile provides ultimate bandwidth efficiency and H.264 Scalable Video Coding (SVC) offers high network error resiliency for unequalled performance in real-world network conditions.



Unparalleled Power

The Scopia XT Meeting Center harnesses unparalleled power for the most demanding conferencing applications. Two full 1080p 60fps video channels, H.264 High Profile and SVC, an optional embedded 9-way MCU, and iPad Multi-Touch control - all combine to make the XT Meeting Center the most powerful system in its class.



Intuitive and Easy-to-Use

Designed with the end-user in mind, the Scopia XT Meeting Center's user interface uses the same intuitive design as Radvision's award-winning Scopia Mobile application, enabling instant, intuitive and effective control - no training required. For an enhanced experience, the XT Meeting Center is enabled for Multi-Touch control via the Apple iPad.



Sophisticated and Elegant Design

Refinement of the Scopia XT Meeting Center goes beyond the user experience to the sophisticated and elegant hardware design of the system. The system is a natural fit for today's businesses, not only for its ease of use, but also its modern design that complements any conference room. The Scopia XT Meeting Center is a powerful business system that combines form and functionality.

Scopia XT Meeting Center Specifications

Communications

- IP: H.323, SIP (RFC 3261)
- ISDN¹ Supported through SCOPIA Gateway
- Bit rate: H.323, SIP: up to 6/12¹ Mbps
H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

Video

- 2 simultaneous 1080p 60fps channels: camera + auxiliary camera¹ or camera + content
- H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC (both using Baseline and High Profile)
- 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
- **Live video encoding formats:**
1920 X 1080 @ 25, 30, 50, 60fps: HD1080p 25, 30, 50, 60
1280 x 720 @ 25, 30, 50, 60fps: HD720p 25, 30, 50, 60
1024 x 576 @ 25, 30fps: w576p
768 x 448 @ 25, 30fps: w448p
704 x 576 @ 25, 30fps: 4CIF
704 x 480 @ 25, 30fps: 4SIF
576 x 336 @ 25, 30fps
512 x 288 @ 25, 30fps: wCIF
400 x 224 @ 25, 30fps
352 x 288 @ 25, 30fps: CIF
352 x 240 @ 25, 30fps: SIF
- **DVI input formats:**
1920 x 1080 @ 25, 30, 50, 60fps
1440 x 900 @ 60fps: WSXGA
1280 x 1024 @ 60fps: SXGA
1280 x 720 @ 25, 30, 50, 60fps
1280 x 768 @ 60fps: WXGA
1024 x 768 @ 60fps: XGA
800 x 600 @ 60fps: SVGA
640 x 480 @ 60fps: VGA
- **PC content encoding formats:**
Same as DVI input formats @ 60fps
- **HDMI output formats:**
1920 x 1080 @ 25, 30, 50, 60fps
1280 x 720 @ 50, 60fps

Display(s)

Size: 55" (138 cm) diagonal
Resolution: 1920 x 1080 60 Hz
Technology: LED Edge
Contrast ratio: 5000 : 1
Brightness: 380 nit (typical)
Viewing angle: H - 178°, V - 178°
Audio power: 10 W + 10 W

Camera

- Resolution: 1080p 60fps
- Presets: 122
- Field of View (H): 8° - 70°
- PAN / Tilt: ± 100° / ± 25°
- Zoom: 10x optical, 4x digital, 40x total

- Far End Control: H.224, H.281

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 Hz¹
G.729A: 50 – 3,400 Hz¹
G.722: 50 – 7,000 Hz
G.722.1: 50 – 7,000 Hz
G.722.1 Annex C: 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
1 x USB 3.0
- **Video outputs:**
2 x HDMI (1 in use for single display, 2 for dual)
- **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 HDMI (connected to main display)
1 x 3.5 mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)

Network Features

- IPv4 and IPv6 simultaneous support
- Auto Gatekeeper discovery
- QoS support: IP Precedence, IP Type of Service (ToS), Differentiated Services (diffserv)
- IP adaptive packet management including:
Flow control
Packet Loss based down-speeding
Packet Loss recovery policies
- DTMF tones: H.245, RFC2833
- SNTP date and time synchronization

Network Protocols

- TCP/IP, TELNET, HTTP, HTTPS, DNS, DHCP, RTP/RTCP, STUN, SNTP, TFTP

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

User Interface

- 21 language on-screen user interface
- Infrared remote control
- API for endpoint control
- Scopia Control application for Apple iPad

Directory Service & Address Book

- LDAP Client (H.350)
- Receive global address book from LDAP Server including Scopia Management

Embedded HD Multipoint Control Unit¹

- H.323, SIP and H.320 mixed mode
- 4 / 9 HD continuous presence participants
- Support for Scopia Desktop and Mobile¹
- Dial-in / Dial-out capabilities
- Encryption for up to 4 connected participants
- Automatic continuous presence layouts
- Dual-video from any site (H.323, H.320)

Security Features

- Embedded encryption²
- Key generation and exchange with Public-Key Cryptography (Diffie-Hellman), (H.323, SIP)
- H.235 AES 128 Confidentiality for RTP media
- H.235 MD5 Authentication
- H.235 Authentication and Integrity (H.235v3/Annex D)
- Digest Authentication
- Microsoft NTLM Authentication and Session Security (SSP)
- HTTPS, SSH
- Selective enable / disable of IP features

Web Management

- Configuration, call, diagnostics and management functions are accessible with:
Internet Explorer 7.0+, Firefox 3.0+, Safari 3.0+, Chrome 16.0+

Power Supply

- XT Meeting Center S55 (single display): 100 - 240 VAC, 50 - 60 Hz, 3 A Max (240 W typical)
- XT Meeting Center D55 (dual displays): 100 - 240 VAC, 50 - 60 Hz, 5 A Max (400 W typical)
- Integrated power cord management

Physical Characteristics

- XT Meeting Center S55 (single display):
W: 124.6 cm (49.1")
H: 180 cm (70.8")
D: 68 cm (26.8")
Weight: 98 kg (216 lb)
- XT Meeting Center D55 (dual displays):
W: 249.2 cm (98.2")
H: 180 cm (70.8")
D: 68 cm (26.8")
Weight: 118 kg (260 lb)
- Microphone Pod:
W: 14.0 cm (5.5")
Weight: 0.3 kg (0.7 lb)

1. Optional
2. Encryption is subject to local regulations and in some countries is restricted or limited. Please contact your Radvision representative for details.



About Radvision

Radvision, an Avaya company, is a leading provider of video conferencing and telepresence technologies over IP and wireless networks. We offer end-to-end visual communications that help businesses collaborate more efficiently. Together, Radvision and Avaya are propelling the unified communications evolution forward with unique technologies that harness the power of video, voice, and data over any network. www.radvision.com

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