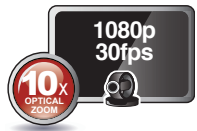


# SCOPIA XT1000 Series

*Never compromise again*



## First Class Video Experience

Every SCOPIA XT1000 delivers full HD (1080p 30fps) video streams as standard so you don't have to compromise with lower quality video. The included high end PTZ camera supports 10x optical zoom and wide angle capability so you can see every detail as well as an entire group in the conference room. An additional 1080p camera can be used to send a separate 1080p video stream for complete visual coverage.



## Hear Every Nuance

The SCOPIA XT1000 3-way microphone pod uses beam forming technology to put the focus on the speaker while isolating background noise. Two microphone pods can also be cascaded to cover larger rooms. 48 kHz (full band) audio encoding is used to ensure high clarity audio transmission with no loss of quality.



## Crisp, High Motion Data Sharing

Finally, remote participants can view your shared data as if they are in the same room with you in all its native detail. The SCOPIA XT1000 supports PC data sharing at 1080p 30fps so you can share presentations and even video clips with zero loss of quality.



## Embedded HD Multi-party Conferencing

RADVISION's multi-party expertise is now embedded in the SCOPIA XT1000. High Definition, Continuous Presence meetings with up to 9 participants are now more affordable than ever utilizing the SCOPIA XT1000 built in MCU.



## State of the Art Total Solution

The SCOPIA XT1000 room system complements RADVISION's innovative total video conferencing solution, including the VC240, a disruptive all-in-one HD desktop system, the SCOPIA Elite MCU offering multipoint power and scale, SCOPIA Desktop enabling HD conferencing on the go, and the SCOPIA Management Suite for deploying and managing distributed video conferencing deployments. With RADVISION's total solution you can enjoy a seamlessly integrated complete visual communications system.

## Specifications

### Communications

- IP: H.323, SIP (RFC 3261)
- ISDN<sup>1</sup> Supported through SCOPIA Gateway "peer-to-peer" automatic mode
- Bit rate: H.323, SIP: up to 4/12<sup>1</sup> Mbps  
H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

### Video

- 2 simultaneous 1080p30 channels: camera + auxiliary camera<sup>1</sup> or camera + content
- H.261, H.263, H.263+, H.263++<sup>1</sup>, H.264
- Dual video: H.239 (H.323); BFCP (SIP)
- **HDMI input formats**  
1920 x 1080 @ 25, 30fps  
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, 30fps: HD1080p25, 30  
1280 x 720 @ 25, 30, 50, 60fps: HD720p25, 30, 50<sup>2</sup>, 60<sup>2</sup>  
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 1200 @ 60fps: WUXGA  
1920 x 1080 @ 25, 30, 50, 60fps  
1600 x 1200 @ 60fps: UXGA  
1440 x 900 @ 60fps: WSXGA  
1280 x 1024 @ 60, 75fps: SXGA  
1280 x 720 @ 25, 30, 50, 60fps  
1280 x 768 @ 60fps: WXGA  
1024 x 768 @ 60, 70, 75fps: XGA  
800 x 600 @ 56, 60, 72, 75fps: SVGA  
640 x 480 @ 60, 67, 72, 75fps: VGA
- **PC content encoding formats:**  
Same as DVI input formats @ 30fps
- **HDMI output formats**  
1920 x 1080 @ 25, 30fps  
1280 x 720 @ 25, 30, 50, 60fps  
1920 x 1080 @ 50, 60fps interlaced  
(for compatibility with some monitors)

### HD Camera

- Resolution: 1920 x 1080
- Presets: 122
- Field of View (H): 8° - 74°
- PAN / Tilt: ± 100° / ± 25°
- Zoom: 10x (optical)
- Far End Camera  
Control: H.224, H.281
- Support for Sony<sup>®</sup> EVI HD7 Camera<sup>1,2</sup>

### 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  
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  
AAC-LD: 50 – 14,000 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:**  
2 x HDMI (Up to 1080p30)  
1 x DVI-I (Up to 1920x1200 WUXGA, includes VGA cable adapter)
- **Video outputs:**  
2 x HDMI (Up to 1080p30) for dual display
- **Audio inputs:**  
2 x HDMI  
1 x SPDIF (RCA)  
1 x Microphone Array Pod (RJ-11)
- **Audio outputs:**  
2 x HDMI  
1 x SPDIF (RCA)

### 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

- 1 x 10/100/1000 Base-T full-duplex (RJ-45)
- 1 x 10/100 Base-T full-duplex (RJ-45)<sup>1</sup>

### 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 camera control (Mini-DIN 8-pin)

### User Interface

- 21 language on-screen user interface
- Infrared remote control
- API for endpoint control

### Directory Service & Address Book

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

### Embedded HD Multipoint Control Unit<sup>1</sup>

- H.323, SIP and H.320 mixed mode
- 4 / 9 HD Continuous Presence participants
- Support for SCOPIA Desktop Client<sup>1</sup>
- Dial-in / Dial-out capabilities
- Encryption
- Automatic Continuous Presence layouts
- Dual-video from any site (H.323, H.320)

### Security Features

- Embedded encryption
- 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<sup>™</sup>7.0+, Firefox 3.0<sup>®</sup>+, Safari 3.0<sup>®</sup>+

### Options

- 4 / 9 Port Embedded MCU
- Additional 1080p 30fps Camera
- Support for SCOPIA Desktop Client
- Sony<sup>®</sup> EVI HD7 60fps Camera
- SCOPIA Control application for Apple iPad
- Additional Digital Microphone Array Pod
- 12 Mbps Extended IP Bit Rate
- G.728 Audio
- 1 x 10/100 Base-T full-duplex (RJ-45)

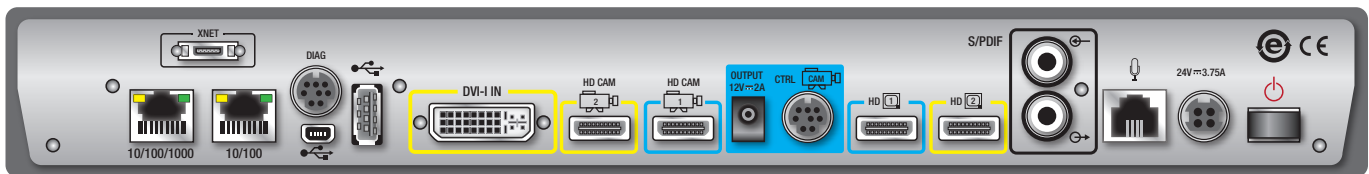
### Power Supply

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

### Physical Characteristics

- Horizontal / Vertical Mounting:  
W: 37.8 cm (14.9") 16.1 cm (6.3")  
H: 5.0 cm (2.0") 39.8 cm (15.7")  
D: 18.3 cm (7.2") 20.5 cm (8.1")  
Weight: 3.3 kg (7.3 lb) 3.9 kg (8.6 lb)
- Camera / 60 fps Optional Camera:  
W: 15.3 cm (6.0") 25.0 cm (9.8")  
H: 18.0 cm (7.1") 15.2 cm (6.0")  
D: 15.6 cm (6.1") 13.5 cm (5.3")  
Weight: 1.3 kg (2.9 lb) 1.6 kg (3.5 lb)
- Microphone Pod:  
W: 14.0 cm (5.5")  
Weight: 0.3 kg (0.7 lb)

1. Optional
2. 720p60 receive standard, transmit requires optional camera



### About RADVISION

RADVISION (Nasdaq: RVSN) is the industry's leading provider of market-proven products and technologies for unified visual communications over IP and 3G networks. With its complete set of standards-based video communications solutions and developer toolkits for voice, video, data and wireless communications, RADVISION is driving the unified communications evolution by combining the power of video, voice, data and wireless – for high definition video conferencing systems, innovative converged mobile services, and highly scalable video-enabled desktop platforms on IP, 3G and emerging next-generation networks. For more information about RADVISION, visit [www.radvision.com](http://www.radvision.com)

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