

SCOPIA XT1000 Piccolo

Cost-effective HD communications



HD Video Experience

Experience cost-effective true HD (720p 30fps) video conferencing with the impressive price-performance design of the SCOPIA XT1000 Piccolo. The included wide angle PTZ camera captures an entire group in the conference room, while 5x zoom offers focus on individuals and details.



Hear Every Nuance

The SCOPIA XT1000 Piccolo 3-way microphone pod uses beam forming technology to put the focus on the speaker while isolating background noise. 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 Piccolo supports PC data sharing at 720p 30fps so you can share presentations and even video clips with zero loss of quality.



Intuitive Apple iPad Control

SCOPIA Control, the highly intuitive, Apple iPad Multi-Touch application is also available and virtually eliminates the learning curve for participating in video conferences. First-time users can initiate calls, control their systems and moderate meetings without any training or introduction. Since the iPad controller is wireless, it also eliminates the conference room clutter provided with other control devices.



State of the Art Total Solution

The SCOPIA XT1000 Piccolo 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)
- ISDN¹ Supported through SCOPIA Gateway "peer-to-peer" automatic mode
- Bit rate: H.323, SIP: up to 4 Mbps
H.320: up to 2 Mbps
- MCU compatibility: H.243, H.231

Video

- 2 simultaneous 720p30 channels: camera + content
 - H.261, H.263, H.263+, H.263++, 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**
1280 x 720 @ 25, 30fps: HD720p25, 30
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
When VGA PC output is connected to DVI input using an adapter, max. resolution is 1440 x 900
 - **PC content encoding formats:**
Same as DVI input formats @ 30fps (scaled to 720p30 when exceeding such resolution)
 - **HDMI output formats**
1280 x 720 @ 25, 30, 50, 60 fps
- ### HD Camera
- Resolution: 1280 x 720
 - Presets: 122
 - Field of View (H): 16° - 74°
 - PAN / Tilt: ± 100° / ± 25°
 - Zoom: 5x (optical)
 - 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
AAC-LD: 50 – 14,000 Hz

Digital Microphone Array Pod

- 360° range
- Frequency response: 50 – 22,000 Hz
- Mute button

Audio/Video Interfaces

- **Video inputs:**
2 x HDMI (Up to 720p30)
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)
1 x 3.5 mm (1/8") line in jack for audio source
- **Audio outputs:**
2 x HDMI
1 x SPDIF (RCA)
1 x 3.5 mm (1/8") headset / line out jack

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)¹

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

- 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

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 (SSL)
- 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®+

Options

- SCOPIA Control application for Apple iPad
- G.728, G.729A Audio
- 1 x 10/100 Base-T full-duplex (RJ-45)

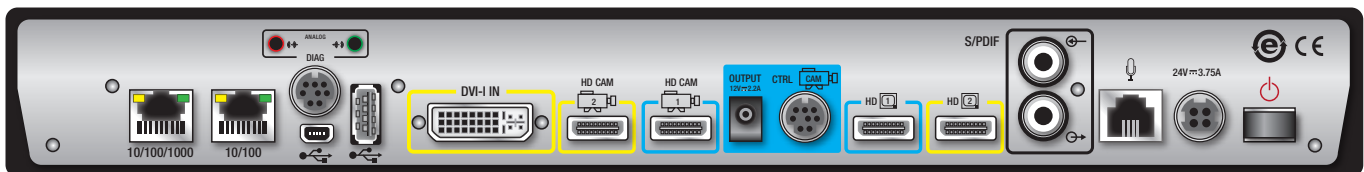
Power Supply

- 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:
W: 15.3 cm (6.0")
H: 18.0 cm (7.1")
D: 15.6 cm (6.1")
Weight: 1.3 kg (2.9 lb)
- Microphone Pod:
W: 14.0 cm (5.5")
Weight: 0.3 kg (0.7 lb)

1. Optional



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

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