Avaya Scopia product portfolio provides comprehensive and powerful visual communications solutions that allow advanced voice, data and video conferencing. The Avaya Scopia product offering includes network infrastructure solutions for multi-party conferencing, network connectivity and firewall traversal; endpoint solutions for board rooms, conference rooms, desktop and personal video conferencing for Bring Your Own Device (BYOD) initiatives; and management software for scheduling, device and bandwidth management and directory services.

The Avaya Scopia product portfolio is a powerful combination of hardware and software products that is fully standards-based and offers the highest performance available in today’s video conferencing solutions. Interoperability and interconnectivity is provided between any video-enabled device, such as a telepresence system, a conference room, a desktop or mobile video system, and with other telephony and unified communications solutions. Avaya Scopia solutions are used by institutions, enterprises, and service providers to create high quality, easy-to-use voice, video, and data collaboration environments, regardless of the communication network – IP, SIP, 3G, 4G, H.323, ISDN or next generation IMS.

Avaya Scopia Solution Benefits

- **Powerful Room Systems:** The Avaya Scopia XT7100 is the industry’s most powerful room system in its class with dual 1080p/60fps live video and content.
- **Market Leading Price-Performance:** Avaya Scopia XT4300 room systems deliver the perfect blend of value and a high quality, high-end experience making them stand out amongst the competition.
- **Cloud based desktop video conferencing available:** Eliminates the complexity, time, and capital investment associated with deploying and supporting on premises video. Video infrastructure is no longer needed with upfront costs that include equipment, rack space, power, and maintenance, not to mention the extra human resources and technical expertise required. Users simply subscribe to Avaya’s service and enjoy all of the benefits of Avaya’s hardware based desktop video conferencing software.
- **H.265 High Efficiency Video Coding (HEVC):** One of the industries most advanced video compression technologies. H.265 HEVC doubles the video compression efficiency of H.264 High Profile, enabling full HD 1080p 60fps video with half the bandwidth required.
- **H.264 High Profile:** Powerful compression technology that delivers efficient HD Video.
- **H.264 Scalable Video Coding (SVC):** With H.264 SVC, the Avaya Scopia solution provides full interoperability with existing devices while delivering the benefits of very high network error resiliency.
- **Apple iPad Control:** Avaya Scopia Control provides iPad Multi-Touch control of Avaya Scopia room systems for enhanced capabilities.
- **Executive Desktop Systems:** The Avaya Scopia XT240 HD desktop system integrates high performance video conferencing into a high resolution, 24-inch LCD monitor at a very competitive price.
- **Desktop Software Client:** Avaya Scopia Desktop software provides easy to deploy HD video conferencing for PCs and Macs.
- **Mobile / BYOD Support:** Avaya Scopia Mobile extends HD video conferencing and control to the latest mobile devices.
- **Advanced Data Collaboration:** The Avaya Scopia solution delivers H.239 interoperability across all systems including the latest mobile devices along with the ability to review previously shared materials.
- **Connectivity:** Avaya Scopia solutions allow connectivity between any standards-based video communications device including revolutionary multi vendor, multi-stream telepresence connectivity.
- **Simplicity:** Avaya Scopia solutions are designed with the end-user in mind and focused on ease-of-use and simple deployment.
- **Distributed Architecture:** Every component of the Avaya Scopia solution is designed for deployment in a distributed IP network.
- **Unified Communications Interoperability:** Interoperability with the leading unified communications solutions.
**Avaya Scopia® XT Telepresence Platform**

The Avaya Scopia XT Telepresence Platform creates a lifelike, immersive experience replicating the feeling of meeting in-person. The XT Telepresence Platform is customizable to the unique requirements of individual rooms and customer needs. Installed and configured by Avaya Scopia’s worldwide network of channel partners, the XT Telepresence Platform provides a cost-effective and highly flexible approach, enabling partners to meet the unique needs of each customer deployment. With an Avaya Scopia partner, customers can define the installation and furnishings that best fit within their conference room and budgets to deliver a distinct customized telepresence experience.

- 3 simultaneous 1080p/30fps video streams
- H.239 data collaboration @ 1080p/30fps
- 3 Sony EVI HD7 cameras
- Precise camera calibration and setup program
- Avaya Scopia Control for the Apple iPad user interface

**BADGER PART NUMBER:** 55211-00001

**Mandatory Components (not included)**

- 3 x Scopia XT5000 video conferencing systems
- Scopia Management server with internal gatekeeper software license

**Avaya Scopia® XT7100 Room System**

The Avaya Scopia XT7100 is the flagship system in the Scopia XT series of video conferencing room systems. The XT7100 incorporates H.265 High Efficiency Video Coding (HEVC), one of the industries most advanced video compression technologies. H.265 HEVC doubles the video compression efficiency of H.264 High Profile, enabling full HD 1080p 60fps video with half the bandwidth required, delivering an exceptional experience with a total lower cost of ownership.

The Scopia XT7100 delivers one of the best conferencing experiences available from a room system. With powerful processing, the system supports dual 1080p 60fps live video and content channels, H.265 HEVC, H.264 High Profile, along with Scalable Video Coding (SVC) for high quality even on low-bandwidth, unmanaged networks such as the Internet.

The PTZ camera offers 10x optical zoom (40x with digital) to view details and includes wide-angle capability for group participation. Optional embedded multi-party conferencing for up to nine participants is available including the ability to engage with participants via desktop and mobile devices.

The advanced audio system offers CD-clarity sound along with a digital beam forming microphone pod that isolates meeting speakers from background noise. Built for user simplicity, intuitive Apple iPad control puts the power of this system for collaboration and engagement at the user’s fingertips.

- 2 simultaneous 1080p/60fps video channels
- Dual cameras switching mode native support (2x HDMI inputs)
- 1080p/60fps 10x optical zoom camera
- H.265 HEVC, H.264 High Profile and H.264 SVC
- H.239 data collaboration @ 1080p/60fps
- 3-way beam forming digital microphone, 20 kHz CD-quality audio
- Avaya Scopia Control for Apple iPad
- Optional 4 or 9 port embedded MCU
- USB recording included

**BADGER PART NUMBER:** 55511-00001

**Scopia XT7100 Options**

- Additional Premium Camera
- Additional 3-way Premium 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 = 12Mbps, P2P = 10/8 Mbps (SIP/H.323)
- Advanced Audio Codec Pack (G.728 and G.729A)
- Codec Wall Mount
- Camera Wall Mount

**Avaya Scopia® XT5000 Room System**

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 as an add-on. The advanced audio system delivers CD-quality sound along with a digital beam forming microphone pod that isolates the speaker from the noise. The user interface is designed for simplicity along with Apple iPad control for enhanced capabilities. The XT5000’s refinement goes beyond the user experience to modern hardware design that complements any conference room.

- 2 simultaneous 1080p/60fps video channels
- 1080p/60fps 10x optical zoom camera
- H.264 High Profile and H.264 SVC
- H.239 data collaboration @ 1080p/60fps
- 3-way beam forming digital microphone, 20 kHz CD-quality audio
- Avaya Scopia Control for Apple iPad
- Optional 4 or 9 port embedded MCU
- USB recording included

**BADGER PART NUMBER:** 55211-00001

**Scopia XT5000 Options**

- Additional Premium Camera
- Additional 3-way Premium 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 = 12Mbps, P2P = 10/8 Mbps (SIP/H.323)
- Advanced Audio Codec Pack (G.728 and G.729A)
- Codec Wall Mount
- Camera Wall Mount
Avaya Scopia® XT4300 System
The Avaya Scopia® XT4300 offers outstanding value and cost-effective full HD video collaboration specifically designed for the needs of small and mid-size conference rooms as well as users that don’t require all the features offered in Scopia advanced room system solutions. The Scopia XT4300 system is incredibly powerful and includes many features found with costly upgrades in other vendor offerings.

The Scopia XT4300 is well equipped and includes dual HD 1080p/60fps live video and content, dual display support, HD audio, H.264 High Profile and Scalable Video Coding (SVC), along with a wide-angle PTZ camera. A range of affordable options is available including an embedded four participant MCU delivering continuous presence multi-party conferencing, Scopia Desktop and Mobile collaboration, and control via an Apple iPad device for enhanced meeting management. The Scopia XT4300 is a natural fit for today’s businesses with a user interface built for simplicity and a modern design to complement any conference room.

- 2 simultaneous 1080p/60fps video channels • 1080p/60fps 5x optical zoom camera
- H.264 High Profile and H.264 SVC • H.239 data collaboration @ 1080p/60fps
- 20 kHz CD-quality audio • Optional Avaya Scopia Control for Apple iPad

Scopia XT4300 Options
- 40x Zoom Upgrade (5x Optical, 8x Digital)
- 4 Port Embedded 1080p30 MCU
- Scopia Desktop & Mobile Support
- Scopia XT 3-way Microphone Array Pod
- Scopia Premium XT 3-way Microphone Array Pod
- Recording on USB Key / Disk
- Scopia Control Application for Apple iPad device
- 2nd GLAN Enable
- Extended IP Bit Rate: Multipoint = 12 Mbps, P2P = 10/8 Mbps (SIP/H.323)
- Advanced Audio Codec Pack (G.728 and G.729A)

The Avaya Scopia® XT Executive 240
The Avaya Scopia Elite 5000 Series MCU is Avaya Scopia’s utilizes the latest in DSP technology, Avaya Scopia Elite’s advanced media processing The Avaya Scopia® XT Executive 240 combines the advanced Scopia XT video conferencing system with a high resolution 24-inch LED display, HD camera, high fidelity speakers and an echo canceling microphone. It features an executive, integrated desktop video conferencing system with PC display and is the industry’s only desktop system to offer an embedded multi-party conferencing for up to four participants with HD 1080p. The XT Executive 240 also features H.264 High Profile and H.264 SVC that delivers bandwidth more efficiently and provides video collaboration through real world networks.

The Avaya Scopia XT Executive 240 is easy to use and will make video calls in an instant with no training required. The system will integrate with both Macs and PCs and can even be controlled by an Apple iPad. It is available as an all-in-one conferencing solution combining the XT Executive video capabilities with embedded four way multi-party conferencing, Scopia Desktop and Scopia Mobile.

- HD 23.6" widescreen (16:9, 1080p) PC or Mac display
- 720p camera, 1080p content – 2 simultaneous channels
- H.263, H.263++, H.264, H.264 High Profile, H.264 SVC (using Baseline and High Profile)
- Dual video: H.239 (H.323); BFCP (SIP)
- 720p30 camera (optional 1080p30 also available)
- Acoustic echo cancellation, adaptive post filtering, audio error concealment
- 4 Port Embedded 720p60 MCU (upgradable to 1080p30 with 1080p upgrade license)

BADGER PART NUMBER:
55411-00001

Avaya Scopia® Control
Avaya Avaya Scopia Control is an Apple iPad application for control of Avaya Scopia video conferencing room systems. Avaya Scopia Control’s highly intuitive user interface virtually eliminates the learning curve for using a video conferencing system. First time users can initiate calls, control their systems and moderate meetings without any training or introduction. The integrated conferencing room calendar and enterprise directory makes it easy to join meetings and invite others. Room system control and meeting moderation are simple through the iPad Multi-Touch user interface. Users can view presentations, spreadsheets, documents and images with standards-based H.239 data collaboration, and can also review previously shared materials without interrupting the presenter with Avaya Scopia’s unique advanced data collaboration/slider function.

- For Avaya Scopia XT room systems and telepresence • Integrated conference room calendar
- Call by integrated corporate directory, IP address, E.164 or SIP URI
- H.239 data collaboration with review • Meeting moderation
- Streaming, recording, and video layout control • Access troubleshooting details

Note: Scopia Control is included with XT5000 and XT7100

BADGER PART NUMBER:
55111-00017

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
Avaya Scopia® Web Collaboration Server
The Scopia Web Collaboration Server is a video network device that provides advanced content sharing functionality for your Avaya Scopia Solution, which are not available with standard H.239/BFCP based content sharing.
When the Scopia Web Collaboration server is deployed, the following is available for Scopia Desktop Clients:
- Improved Sharing – based on JPEGs rather than video.
- Multiple Annotations – all participants can annotate the shared content.
- Virtual Whiteboard – all participants can draw and write on the special blank slide (whiteboard).
- Multiple Monitors – choose which screen to share.
- Remote Desktop Control – give control to another participant.
- Interoperability with Room Systems / Endpoints – the server is capable of Web Collaboration <-> H.239 / BFCP transcoding.

BADGER PART NUMBER:
INCLUDED WITH MCU BUNDLES.

Avaya Scopia® Streaming & Recording
Introducing the new Scopia Streaming & Recording solution, Avaya’s next generation HD streaming and recording platform. The new platform brings significant enhancements to the Scopia solution for recording and streaming including:
- Mobile support
- Zero download client
- Improved content portal
- Enhanced browsing and searching capabilities
- Significantly greater scalability
- Standards-based HLS streaming

In addition, Scopia Streaming & Recording empowers end users with the ability to set up live broadcast events on their own without the intervention of specialized IT personnel. Other key features of the platform include:
- User Experience – Scopia Streaming & Recording features are seamlessly integrated with your existing Scopia applications. Starting, stopping or pausing a recording is easily controlled by end users from their Scopia Desktop client software or Scopia user portal. Live broadcast events are scheduled directly by end users via their Scopia user portal interface. And browsing archived recordings or joining live broadcast events is integrated into the Scopia Desktop client as well. All provisioning and administrative functions of the system are via Scopia Management.
- High Definition – Recording up to 1080p 30 fps, the full resolution of Scopia Elite MCUs, is supported. In addition, Scopia conferences may be broadcast in real time to end users at full 1080p HD resolution.
- Rich Client support – In short, any device, any browser, any OS, and zero download! PCs, Mac, iOS, Android, tablets and phones. HTML5, Flash, Silverlight. You can record from or stream to any mobile device. For mobile client streaming, transcoding to network appropriate bitrates is supported for highest quality video presentation.
- Flexible Deployment – Compact all-in-one single server deployment option as well as distributed server deployment for large scale implementations.
- Robust Content Delivery – Build an on-premise / private network of streaming media Delivery Nodes or stream live or recorded media to your end users via a CDN service provider’s delivery network. Up to 100 geographically distributed Delivery Nodes are supported for WAN bandwidth optimization.
- Scalability – A distributed implementation with multiple recording Media Nodes and Delivery Nodes scales to meet any enterprise’s needs. Up to 100 Media Nodes can support as many as 1,000 concurrent 1080p recording sessions and up to 100,000 live streaming viewers.
- Reliability – Both recording Media Nodes and Delivery Nodes may operate in clusters. Clustering of Media Nodes provides system resilience by allowing the system to tolerate any single point of failure.

BADGER PART NUMBER:
INCLUDED WITH MCU BUNDLES.

Avaya Scopia® Desktop Video Conferencing
Whether you're meeting with co-workers in a remote office, partners across the country, or customers around the world, Avaya Scopia® Desktop brings the experience of a face-to-face meeting direct to your PC or Mac. Join a virtual meeting room and look your colleagues in the eye while you share and annotate documents, spreadsheets or other online content.
Fully interoperable, Scopia Desktop easily extends room system video conferencing to desktop users for voice, video and data collaboration. Scopia Desktop is a simple web browser plug-in that is centrally managed, distributed and deployed without complex licensing fees or installation issues. Automatic firewall traversal helps users participate more securely regardless of where they are, while being intuitive and convenient. All you need is an Internet connection and a PC or a Mac. Scopia Desktop delivers HD 1080p quality with the latest video technology including H.264 Scalable Video Coding (SVC) for error resiliency along with H.264 High Profile for bandwidth efficiency and reduced network costs.
- HD video up to 1080P
- H.264 Scalable Video Coding (SVC) for extreme network error tolerance
- Microsoft Office and IBM Lotus Notes integration
- Built-in NAT and firewall traversal
- Freely distributable web client
- PC and Mac support

BADGER PART NUMBER:
INCLUDED WITH MCU BUNDLES.
Avaya Scopia® Mobile

Whether you’re meeting with co-workers in a remote office, partners across the country, or customers around the world, Avaya Scopia® Mobile brings the experience of a face-to-face meeting direct to your mobile device. Join a virtual meeting room and look your colleagues in the eye while you view documents, spreadsheets, or other online content.

BYOD (Bring Your Own Device) is becoming more and more prevalent in the business world, and Scopia Mobile is the ultimate enterprise-grade mobile video application. Scopia Mobile enables HD video conferencing and data collaboration with the growing installed base of over two million standards-based video conferencing and telepresence systems worldwide.

Scopia Mobile includes the latest video collaboration technology including H.264 Scalable Video Coding (SVC) for error resiliency along with H.264 High Profile for bandwidth efficiency and reduced network costs. Additionally, when viewing content, participants can review previously shared materials without interrupting the presenter through Avaya’s innovative data collaboration features.

- Available for Android and Apple iOS
- Smartphones and tablets supported
- Collaborate with full video, audio and H.239 data
- Review previously presented materials
- Meeting moderation via participants list
- Recording and streaming control

BADGER PART NUMBER:
INCLUDED WITH MCU BUNDLES.

339002
339003

Avaya Live Video

Video collaboration helps boost productivity and enhance relationships by enabling far-flung meeting participants to interact as if they’re all in the same room. But traditional video conferencing has often been far from simple. You’ve had to invest in infrastructure, purchase maintenance, and hire experts to set up and maintain your system. AvayaLive Video makes it fast, easy and cost-effective to access best-in-class video collaboration by delivering it in the cloud. Whether you’re meeting with co-workers in a remote office, partners across the country, or customers around the world, AvayaLive Video brings the experience of a face-to-face meeting to anyone, anywhere, on any device. Look your colleagues in the eye while you share and annotate documents, spreadsheets, or other content. All you need is an Internet connection and a PC, Mac, or mobile device. AvayaLive Video also works with video conferencing room systems. It’s secure, intuitive, and convenient. This cloud-based service from Avaya eliminates the technical hassles of deploying video collaboration. Simply subscribe to our service. Pay for what you need now and scale to accommodate additional users as your requirements grow. Avaya does all the heavy lifting for you and maximizes your productivity with HD video collaboration.

- “Meet-me” virtual meeting room supports up to 25 concurrent connected participants
- Unlimited use per room
- Connect with telephone, PC, Mac, Apple iOS and Android tablet / smartphone, or video conferencing room system
- HD video, wideband audio, data collaboration / content sharing
- Easily join by clicking a link in a calendar invite, clicking a web link, or entering a virtual meeting room ID number
- Microsoft Outlook calendar integration
- Simultaneous viewing of video and content
- Participants can “catch-up” and review content presented earlier without interrupting active meeting and return to “live” session (perfect for late arrivals)
- Group / private chat
- Full Meeting Moderation control
- AES-128 encryption
- H.235 security and encryption (room systems)
- Meeting room lock and access PINs

BADGER PART NUMBER:

Avaya Scopia® Management

Avaya Scopia® Management delivers management, control and scheduling for robust, easy-to-use conferencing. It provides an all-inclusive solution for managing video conferencing systems including Avaya and third party endpoints, infrastructure devices such as MCUs and gateways, and call control applications such as gatekeepers and SIP agents.

Scopia Management enables organizations to deploy their infrastructure distributed over several sites or in one centralized location. Scalability and redundancy is delivered for large enterprises and service providers by intelligently virtualizing collaboration resources, allowing strategic distribution of conferencing components throughout the network. Comprehensive multi-tenant capabilities are available, enabling cloud-based solution providers to share video resources between different organizations.

Extensive IT back room integration is accessible including integration with the Avaya Aura® platform, Microsoft and IBM along with detailed reports to understand utilization, view trends and usage growth.

- Scheduled and ad-hoc conferencing
- Avaya Scopia®, Cisco/Tandberg, LifeSize, Polycom and Sony endpoint management
- Avaya Scopia® infrastructure management
- Supports both distributed and centralized deployments
- Microsoft and IBM back office integration
- Multi-tenant for service providers

BADGER PART NUMBER:
INCLUDED WITH MCU BUNDLES.
Avaya Scopia® ECS Pro Gatekeeper
Avaya Scopia's high-performance, standards-compliant H.323 ECS (Enhanced Communication Server) Gatekeeper provides an intelligent, advanced backbone management system for IP telephony and multimedia networks. ECS provides gatekeeper functionality and everything required to simply and easily define, control, and manage voice, video and data traffic over IP networks – no matter how large or complex. ECS ensures optimal bandwidth utilization to deliver carrier-grade, best quality call completion and collaborative video communications over any network and any protocol.

- Creates easy PSTN-like dialing for video conferencing
- Supports up to 2,000 calls, 10,000 seats
- Call forwarding policies per dialed number
- Advanced call fallback
- Bandwidth management with Avaya Scopia Management

BADGER PART NUMBER:
55597-00016 Base System
88597-00008 Each 25 ports / 125 registrations

Avaya Scopia® Elite 6000 Series MCU
The Avaya Scopia® Elite 6000 Series MCU is the flagship, next generation platform for high-def multi-party video conferencing. It harnesses the revolutionary processing power of demanding video conferencing applications through the latest DSP technology. The 6000 series features support for dual channel 1080p60 video content, H.264 High-Profile bandwidth efficiency, H.264 SVC for network error resiliency and a multi-stream telepresence that delivers uncompromising multi-party collaboration. This platform also utilizes hybrid architecture with hardware accelerator components that deliver unparalleled density and minimizes the power and rack space needed for storage. The Elite 6000 Series MCU features a dedicated processing system that ensures that all conference attendees receive the highest quality video without lowering performance. This flexible platform allows participants to customize their displays with their own layouts and has support for up to 28 participants. Video overlays display information for the attendee while also allowing them to moderate the meeting through the available on-screen menus. Avaya has made it easier than ever to use video conferencing. It is interoperable with existing devices, seamless and automatic and even works in conjunction with the Avaya Scopia® Elite 5000 Series MCU. The Elite 6000 Series MCU will also collaborate with almost any device using Scopia Desktop and Scopia mobile, offering video conferencing on most major vendors PCs, Macs, tablets and smartphones. For users who want to Bring Your Own Device (BYOD), this platform provides SIP video endpoints and connects with the top UC platforms.

Scopia Elite Specifications

<table>
<thead>
<tr>
<th>BADGER PART NUMBER</th>
<th>Elite 6105</th>
<th>Elite 6110</th>
<th>Elite 6120</th>
<th>Elite 6140</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Definition (1080p/60) Continuous Presence Ports</td>
<td>3</td>
<td>5</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>High Definition (1080p/30) Continuous Presence Ports</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>High Definition (720p/30) Continuous Presence Ports (with additional license option)</td>
<td>10</td>
<td>20</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>Enhanced Definition (480p/30) Continuous Presence Ports</td>
<td>20</td>
<td>40</td>
<td>80</td>
<td>160</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BADGER PART NUMBER</th>
<th>54547-00901</th>
<th>54547-00902</th>
<th>54547-00903</th>
<th>54547-00904</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video</td>
<td>20</td>
<td>40</td>
<td>80</td>
<td>160</td>
</tr>
<tr>
<td>GK Regs.</td>
<td>200</td>
<td>400</td>
<td>800</td>
<td>1600</td>
</tr>
<tr>
<td>GK/B2BUA Ports</td>
<td>40</td>
<td>80</td>
<td>160</td>
<td>320</td>
</tr>
<tr>
<td>SD Web Access</td>
<td>20</td>
<td>40</td>
<td>80</td>
<td>160</td>
</tr>
<tr>
<td>Mobile Seats</td>
<td>200</td>
<td>400</td>
<td>800</td>
<td>1600</td>
</tr>
<tr>
<td>Streaming</td>
<td>600</td>
<td>600</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Enhanced Definition (480p)</td>
<td>20</td>
<td>40</td>
<td>80</td>
<td>160</td>
</tr>
<tr>
<td>High Definition (720p/1080p30)</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>40</td>
</tr>
</tbody>
</table>

View our searchable electronic catalog at: www.badgercommunications.com
**Avaya Scopia® Infrastructure**

**SPECs:**
- G.711, G722, G722.1, G729, MPEG4 AAC-LC audio support
- HD Continuous Presence up to 1080p/60fps
- Dual 1080p/60fps channels for video and content
- Live video resolutions
- Advanced video processing
- Hybrid MCU
- Easy-to-use video moderator menu
- H.239 (H.323) and BFCP (SIP) for presentation sharing
- H.235 AES encryption for secure conferencing
- PIN protected conferences
- Web-based monitoring and control
- Video auto-attendant
- H/264 High-Profile for bandwidth reduction
- Max conference size w/o cascading - 160
- 720p SVC bandwidth utilization - 512 kbps

**Telepresence Interoperability**
The Avaya Scopia Elite MCU with Telepresence Interoperability is the most interoperable, multi-vendor, multi-stream telepresence conferencing solution available, enabling multiparty communications between different vendor’s telepresence systems in addition to standards-based video conferencing endpoints. This capability of the Avaya Scopia Elite MCU allows enterprises and service providers to cost effectively deliver all multipoint communications capabilities in a single platform supporting mobile video devices to high-end telepresence systems.
- Combine telepresence, HD and SD systems in the same conference
- Advanced telepresence video processing
- Up to 30 telepresence video segments supported
- Supports any mix of video segments
- Optimized system layouts
- Video bandwidth – up to 12Mbps
**BADGER PART NUMBER:**
55546-00020

**Avaya Scopia® PathFinder Firewall Traversal**
Avaya Scopia PathFinder Firewall Traversal is a complete firewall and NAT traversal solution enabling secure connectivity between enterprise networks and remote sites. PathFinder maintains the security and advantages of firewall and NAT over heterogeneous video networks and allows seamless integration with existing video conferencing systems and infrastructure components. PathFinder is easily deployed in the DMZ and can be installed on any standalone computer in the network. PathFinder requires no changes to dial plans or E.164 numbers in the conferencing application. Built on a hardened Linux operating system including access control, AES encryption and client authentication, PathFinder provides its own security to prevent attacks by malicious devices. Firewall and NAT problems are handled without upgrading devices or compromising security.
- H.460 compliant including support for multiplexed media • Client software to support any H.323 endpoint
- Supports up to 80 concurrent calls / 480 registered devices • Security hardened platform in closed chassis
**BADGER PART NUMBER:**
55678-30610 10 ports
55678-30620 20 ports

**Avaya Scopia® Video Gateway for Microsoft Lync**
The Avaya Scopia Video Gateway for Microsoft® Lync™ provides connectivity for Lync to standards-based video conferencing solutions. The Gateway allows users to realize the benefits of Lync in conjunction with their existing deployments of room-based video conferencing systems, telepresence systems and infrastructure along with protecting these investments. Highly scalable and affordable, the Avaya Scopia Video Gateway for Microsoft Lync is the most cost effective solution in the market.
- Up to 10 HD / 20 VGA / 40 CIF calls in any combination • Unlimited scalability with multiple Gateways • H.323 system presence to Lync users
- Microsoft RT Video HD transcoding • Microsoft A/V Edge support • TLS and SRTP for security • Microsoft UC officially qualified
**BADGER PART NUMBER:**
55548-00001 10 ports

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
ONLINE STORE
we've got you covered

www.badgercommunications.com

FREE STANDARD SHIPPING
(for all orders that qualify for standard ground shipping. some exclusions apply)

QUOTES
Easily view, create and modify quotes inside our online store. When you're ready you can convert to an order with the click of a button.

WHAT'S IN STOCK?
Our stock quantities are clearly displayed in real-time.

ORDER HISTORY
View the order history for your entire company from the ORDER HISTORY tab on our Online Store.

715-672-4200 The Badger Communications team is available Monday-Friday 8am-4:30pm.

Technical and Design Support

The Badger Support Team will help you understand which hardware and software your Avaya systems need to ensure your customer has the features they need.

Save time and headache on your next install by having the Badger team pre-program your next Avaya system.

TRAINING

Choose our introductory classes to refresh or take your first steps into the world of Avaya and IP Office.

You can even sell an IP Office and program it during training at Badger.
Konftel offers the most innovative and feature packed conference phones for effective collaboration in all environments. At your desk, in the huddle room and large meeting rooms. We deliver reliable and efficient meeting solutions powered by OmniSound® all with superior audio quality in HD so that we can get together.

NEW Konftel Ego
A portable and personal speaker phone. It’s compact and fits easily inside your briefcase, wherever you’re going.

Freedom of movement. Designed for today’s mobile meeting culture the ultra compact Konftel Ego connects wirelessly to your smartphone, tablet or other device via Bluetooth®.
Audibility. Rich crystal clear HD audio thanks to the sound technology OmniSound®.
Platform independent. Konftel Ego works perfectly with Skype for Business, Cisco Jabber, Avaya Communicator and all leading conference applications.

BADGER PART NUMBER:
910101071 Konftel Ego, USB cable and soft case.

Konftel Unite – One Touch Conferencing
Join conference calls and online meetings quickly and hassle free with Konftel Unite.

The Konftel 55 series for your web meetings and conference calls

The Konftel 55Wx – All in One
The Konftel 55Wx is the optimal conference unit that brings superb audio quality to all your meetings. Bluetooth with NFC and support for HD audio in calls and music streaming. The Konftel 55Wx can be easily transferred between office locations and conference rooms. Upgrade with expansion microphones to double the coverage range from 10 to more than 20 feet. UC Integration with Skype for Business, Cisco Jabber and Avaya.

BADGER PART NUMBER:
910101082 Konftel 55Wx, battery, power cord, AC adapter, USB cable.

The Konftel 55 – The Hub of Your Communications
The Konftel 55 is a highly versatile conference unit bringing superb audio quality to all your desktop, home office and conference room meetings. UC Integration with Skype for Business, Cisco Jabber and Avaya.

BADGER PART NUMBER:
910101071 Konftel 55, power cord, AC adapter, USB cable.
The Konftel 300 and 200 series
– conference telephones for all your meetings

Konftel 300Wx – Wireless Meetings
The Konftel 300Wx is a wireless conference phone with HD sound that connects via DECT base to both IP and analog environments. Can also be connected to a cellular phone or PC for VoIP. Incorporates OmniSound® for superior audio quality, battery and smart features such as recording capability and a conference guide. Free software upgrades make it future-proof.

BADGER PART NUMBER: 840101077
Konftel 300Wx, rechargeable battery, Konftel DECT base station (analog), Konftel charging cradle, USB-cable, power cable, AC adapter.

Konftel IP DECT 10 for Wireless IP conferencing with HD audio quality
Konftel 300Wx now provides HD audio via the SIP base station Konftel IP DECT 10. Give your conference calls the full dynamics they deserve!

BADGER PART NUMBER: 840102132
Konftel IP DECT 10, power cable, Ethernet connection.

Konftel 300IP – Innovative Phone Meetings
The Konftel 300IP is a SIP-based conference phone that delivers superior HD audio thanks to OmniSound®. Integrated conference bridge for five-way calls and call recording. Add expansion microphones and wireless headsets for meetings with 12 or more participants or connect to PA systems for much larger conferences. Web-based configuration. Power over Ethernet compatible.

BADGER PART NUMBER: 910101079
Konftel 300IP, network cable.

Konftel 300 – For All of Your Meetings
The Konftel 300 with OmniSound® for superior audio quality. Smart features include recording, a conference guide and line mode (analog/cellular/USB for VoIP calls). Add expansion microphones and wireless headsets for meetings with 12 or more participants or connect to PA systems for much larger conferences. Future-proof – can be upgraded.

BADGER PART NUMBER: 840101059
Konftel 300, power cable and AC adapter, USB cable.

Konftel 250 – Simple Yet Sophisticated
The Konftel 250 with analog connection is perfect for simple meetings in both small and large conference rooms.

BADGER PART NUMBER: 910101065
Konftel 250, power cable and AC adapter.

Konftel 220 - Making It Easy to Meet
The Konftel 220 is a smart choice for meeting rooms with its simple features and OmniSound® for superior audio quality.

BADGER PART NUMBER: 910101080
Konftel 220, power/telephone connection cable and AC adapter.

View our searchable electronic catalog at: www.badgercommunications.com
Quick reference guide

<table>
<thead>
<tr>
<th>KONFTEL MODEL</th>
<th>Situation</th>
<th>Connections</th>
<th>Unique features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Konftel Ego</td>
<td>&lt; 4 people</td>
<td>HD</td>
<td>HD</td>
</tr>
<tr>
<td>Konftel 55</td>
<td>&lt; 12 people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 55Wx</td>
<td>&lt; 20 people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 300</td>
<td>&lt; 20 people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 300IP</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 300Wx</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 250</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 220</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KONFTEL MODEL</th>
<th>Situation</th>
<th>Connections</th>
<th>Unique features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Konftel Ego</td>
<td>&lt; 4 people</td>
<td>HD</td>
<td>HD</td>
</tr>
<tr>
<td>Konftel 55</td>
<td>&lt; 12 people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 55Wx</td>
<td>&lt; 20 people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 300</td>
<td>&lt; 20 people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 300IP</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 300Wx</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 250</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
<tr>
<td>Konftel 220</td>
<td>&lt; 20 + people</td>
<td>HD</td>
<td></td>
</tr>
</tbody>
</table>

* HD capable where network supports it.
** Expansion microphones are recommended (optional)
*** Connects to PA system with optional PA interface box
**** Connects with desk phone adapter (optional)
***** With mobile cable (optional)
****** Wireless to Konftel IP DECT 10 or a third party SIP DECT base.

About Konftel

Konftel is a leading company and a strong brand, within audio conferencing equipment. Since 1988, our mission has been to help people around the world to conduct meetings despite distances. Based on our success, we know that audio conferencing is a great way to save time, money and at the same time contribute to a better environment. High audio quality is essential for efficient meetings, this is why our patented audio technology OmniSound®, is built into all Konftel Conference phones. The products are sold globally under the Konftel brand and our head-quarter is based in Sweden. Read more about the company and products on www.konftel.com.

ACCESSORIES

Konftel IP DECT 10
IP DECT base supports HD calls and connects to an SIP-based PBX or telephone service. Compatible with GAP/CAT-iq. Connects up to 20 DECT devices and Easy Pairing facilitates registration of the Konftel 300Wx. Can handle five calls simultaneously. Indoor range of up to 50 metres. Power adapter 5V/5W. Ethernet connection RJ45, 10/100 BASE-T.

BADGER PART NUMBER: 840102132 Konftel 300Wx

Expansion Microphones
Increases the pick-up range to 750 sq. ft. (70 m2). Cables in two lengths are enclosed, 4 and 8 ft.

BADGER PART NUMBER: 900102080 Konftel 55Wx, Konftel 250, 300, 300Wx and 300IP

Rechargable Battery
Battery 5200 mAh Lithium Ion, One year warranty.

BADGER PART NUMBER: 900102124 Konftel 55Wx 900102095 Konftel 300Wx

PA Interface Box
Connects to external loudspeaker and microphone system (PA system). Plug: RCA in/out. Connection cables 2.5 metres.

BADGER PART NUMBER: 900102087 Konftel 300 and 300IP

Cell Phone Connection Cable
Cables available for Konftel 55 and 300 series. Please call us for more information.

Konftel Soft Case
Black Nylon Soft case, pockets for microphones and cables.

BADGER PART NUMBER: 900102131 Konftel 300 and 55 series

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
Universal Small Wall Mount
This Universal Thin Profile Wall Mount was designed specifically for an ideal way to wall mount a camera above or below a plasma or thin profile monitor. Constructed from heavy gauge steel, this mount comes with 2 year manufacture warranty.
- Mounts directly to drywall, wood, masonry, or 2-gang US wall box with supplied wall anchors
- Mounting holes positioned in 4 post pattern
- Black powder coat paint provides long lasting finish
- Mounting hardware included
- 2 Year Warranty
- Made in USA
Compatible with: HuddleCam 3X, HuddleCam 10X-720, HuddleCam 10X, all PTZOptics Cameras, most small based SONY, Panasonic, Cisco, Polycom and Vaddio camera with a 1/4-20 mounting hole.

<table>
<thead>
<tr>
<th>BADGER PART NUMBER:</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCM-1-BK</td>
<td>Small Wall Mount, mounts directly to wall or box with supplied hardware, Black</td>
</tr>
<tr>
<td>HCM-1-WH</td>
<td>Small Wall Mount, mounts directly to wall or box with supplied hardware, White</td>
</tr>
<tr>
<td>HCM-2-BK</td>
<td>Large Wall Mount, mounts directly to wall or box with supplied hardware, Black</td>
</tr>
<tr>
<td>HCM-2-WH</td>
<td>Large Wall Mount, mounts directly to wall or box with supplied hardware, White</td>
</tr>
<tr>
<td>HCM-1C-WH</td>
<td>Small Open Ceiling Mount, mounts to 1&quot;NPT pipe</td>
</tr>
<tr>
<td>HCM-2C-WH</td>
<td>Large Open Base Ceiling Mount, mounts to 1&quot;NPT pipe</td>
</tr>
<tr>
<td>PT-CM-1-BK</td>
<td>Surface Ceiling Mount, mounts directly to ceil or box w/ supplied hardware</td>
</tr>
</tbody>
</table>

Serial Joystick Controller
Easy pan, tilt & zoom controls for any RS-232, RS-422, RS-485 VISCA or Pelco protocol camera! Controls pan & tilt with variable speed. Use 3 dimensional joystick with “twist” for variable control of zoom.
- Durable Metal Housing
- VISCA, PELCO- P & D
- RS232, RS422, RS485
- On Screen Display
- Variable Speed Pan, Tilt & Zoom Control
- Iris, Focus, Home, Backlight & Preset controls
- 4 Camera Quick Select keys
BADGER PART NUMBER:
HC-JOY-G2
Conference Cameras

3X Gen2
The HuddleCamHD 3X is ideal for a small to medium sized meeting rooms. This camera is compatible with every system that accepts USB cameras.
- 3X Optical Zoom
- 81° Field of View
- USB 2.0
- RS-232
- 1920 x 1080
BADGER PART NUMBER: HC3X-BK-G2

10X-720p
The HuddleCamHD 10X 720p is ideal for a small to medium sized meeting rooms. This camera is compatible with every system that accepts USB cameras.
- 10X Optical Zoom
- 50° Field of View
- USB 2.0
- RS-232
- 1280 x 720p
BADGER PART NUMBER: HC10X-720-BK

10X G3
The HuddleCamHD 10X Gen 3 is ideal for medium to large sized meeting rooms. Comes standard with a certified SONY lens.
- 10X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 @720p
- RS-232
- 1920 x 1080
- 61° Field of View
- Up to 30fps
- 64 Presets
- IR Remote
BADGER PART NUMBER: HC10X-GY-G3
HC10X-WH-G3

3W G2
The HuddleCamHD 3X Wide is ideal for a small to medium sized meeting rooms. Comes standard with certified SONY lens.
- 3X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 *(640x480 only)
- RS-232
- 1920 x 1080
- 90° Field of View
- Up to 60fps
- 64 Presets
BADGER PART NUMBER: HC3XW-GY-G2

20X G2
The HuddleCamHD 20X Gen 2 is ideal for medium to large sized meeting rooms. Comes standard with a certified SONY lens.
- 20X Optical Zoom
- USB 3.0 *(requires quad core processor)
- USB 2.0 *(640x480 only)
- RS-232
- 1920 x 1080
- 58° Field of View
- Up to 60fps
- 64 Presets
BADGER PART NUMBER: HC20X-GY-G2

30X
The HuddleCamHD 30X is ideal for a large to auditorium sized meeting rooms. Comes standard with certified SONY lens.
- 30X Optical Zoom
- USB 3.0 *(requires a quad core processor)
- RS-232
- 1920 x 1080
- 63° Field of View
- Up to 60fps
- 64 Presets
- IR Remote
- Certified SONY Lens
BADGER PART NUMBER: HC30X-GY-G2

HuddleCamHD 3XA
The HuddleCamHD 3X is ideal for small to medium sized meeting rooms. This camera is compatible with every system that accepts USB cameras.
- 3X Optical Zoom
- Dual Mic Array
- USB 2.0
- RS232 via USB
- 1920 x 1080
- 74° Field of View
- Up to 30fps
- 64 Presets
- IR Remote
BADGER PART NUMBER: HC3XA-BK
HC3XA-WH


Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
ZCam 20X
The PTZ Optics ZCam-20X is a 1080p box camera with 20X optical zoom for capturing HD video even at a distance. With support for 3G-SDI & IP Streaming, this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications up to 1080p/60 resolution.

- Panasonic 1/2.7” inch HD CMOS Sensor
- 3G-SDI High Definition Video Output
- H.264, H.265 & MJPEG IP streaming output (dual stream)
- AAC Audio Encoding over IP
- High performance in low illumination situations
- Full 1920x1080p HD Resolutions up to 60 frames per second
- 2D and 3D noise reduction with our latest “low noise CMOS sensor”
- Wide Dynamic Range
- Menu controls on back of camera
- RS485 and IP remote camera control
- 60.7° field of view
- Std 1/4-20 female thread for camera mounting (bottom)

BADGER PART NUMBER: PT20X-ZCAM-G2

ZCam Variable Lens
The PTZ Optics VL-ZCam is a 1080p box camera for capturing HD video with a variety of lenses. With support for 3G-SDI & IP Streaming this camera is ideal for broadcasting high definition video signals for broadcast, surveillance or video conferencing applications up to 1080p/60 resolution. The PTVLCAM comes complete with your first lens with 4X Zoom and a 122° wide angle field of view.

- Panasonic 1/2.7” inch HD CMOS Sensor
- 3G-SDI High Definition Video Output
- H.264, H.265 & MJPEG IP Streaming Output (dual stream)
- AAC Audio Encoding over IP
- High performance in low illumination situations
- Full 1920x1080p HD Resolutions up to 60 frames per second
- 2D and 3D noise reduction with our latest “low noise CMOS sensor”
- Wide Dynamic Range
- Menu controls on back of camera
- RS485 and IP remote camera control
- C/CS Type Lens Mount
- Standard 1/4-20 female thread for camera mounting (top + bottom)

BADGER PART NUMBER: PVTL-ZCAM-G2

Ceiling Mount
This Universal Ceiling Mount was designed specifically as an ideal way to ceiling mount PTZ cameras. Constructed from heavy gauge steel, this mount comes with 3 year manufacture warranty.

BADGER PART NUMBER: PT-CM-1-BK

PTZ Broadcast Head
The PTZ Optics PT-BRDCSTR-E is a broadcast camera control system that supports Sony handheld-broadcast camcorders. Achieve full speed remote PTZ Control with intelligent soft start and stop control. Feel safe with our built-in voltage control regulator for power protection.

- Supports Sony Cameras*
- Supports VISCA, Pelco P & Pelco D control protocols
- Full speed P/T/Z Control, with intelligent start/stop
- Accurate pinpoint pan, tilt and zoom positioning
- Up to 255 Presets
- Supports wall, tripod and ceiling mounting
- Low Noise

BADGER PART NUMBER: PT-BRDCSTR-E

IP Joystick Controller
Auto-search your network for ONVIF compatible devices. Use any pan, tilt & zoom controls for any or multiple ONVIF protocol cameras! Controls pan, tilt & zoom with variable speeds. Use 4 dimensional joystick with “twist” control for zoom.

- Durable Metal Housing
- ONVIF compatible
- Auto-Search Network
- Real time status display
- Pan, Tilt, Zoom Control
- Preset + Tour Control

BADGER PART NUMBER: PT-JOY

View our searchable electronic catalog at: www.badgercommunications.com
CONFERENCE CAMERAS

12X SDI (GEN2)
The PTZ Optics 12X-SDI is a 1080p camera with 12X optical zoom for capturing both wide angles and long shots. With support for 3G-SDI, HDMI, and IP Streaming (H.264, H.265 & MJPEG) this camera is ideal for broadcasting high definition video signals for broadcast, recording or video conferencing applications.
- 72.5 degree wide-angle lens.
- High performance in low illumination situations and Wide Dynamic Range.
- Full 1920x1080p HD Resolutions up to 60 frames per second.
- 2D and 3D noise reduction with our latest “low noise CMOS sensor”.
- RS232, RS485 & IP Control
- RJ-45 H.264, H.265 & MJPEG Streaming port
- HDMI, 3G-SDI, IP Streaming (All Simultaneous)

BADGER PART NUMBER:
PT12X-SDI-GY-G2 Gray
PT12X-SDI-WH-G2 White

12X USB (GEN 2)
The PTZ Optics 12X-USB is a 1080p camera with 12X optical zoom for capturing both wide angles and long shots. With support for USB 3.0, HDMI & IP Streaming (H.264, H.265 & MJPEG) this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications.
- 72.5 degree wide-angle lens.
- High performance in low illumination situations and Wide Dynamic Range.
- Full 1920x1080p HD Resolutions up to 60 frames per second.
- 2D and 3D noise reduction with our latest “low noise CMOS sensor”.
- UVC 1.0, RS232, RS485 & IP Control
- RJ-45 H.264, H.265 & MJPEG Streaming port
- HDMI, USB 3.0, IP Streaming (All Simultaneous)

BADGER PART NUMBER:
PT12X-USB-GY-G2 Gray
PT12X-USB-WH-G2 White

20X SDI (GEN 2)
The PTZ Optics 20X-SDI is a 1080p camera with 20X optical zoom for capturing HD images at long distances. With support for 3G-SDI, HDMI, and IP Streaming (H.264, H.265 & MJPEG) this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications.
- 60.7 degree wide-angle lens.
- High performance in low illumination situations and Wide Dynamic Range.
- Full 1920x1080p HD Resolutions up to 60 frames per second.
- 2D and 3D noise reduction with our latest “low noise CMOS sensor”.
- RS232, RS485 & IP Control
- RJ-45 H.264, H.265 & MJPEG Streaming port
- HDMI, 3G-SDI, IP Streaming (All Simultaneous)

BADGER PART NUMBER:
PT20X-SDI-GY-G2 Gray
PT20X-SDI-WH-G2 White

20X USB (GEN2)
The PTZ Optics 20X-USB is a 1080p camera with 20X optical zoom for capturing HD video at long distances. With support for USB, HDMI and IP Streaming (H.264, H.265 & MJPEG) this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications.
- 60.7 degree wide-angle lens.
- High performance in low illumination situations and Wide Dynamic Range.
- Full 1920x1080p HD Resolutions up to 60 frames per second.
- 2D and 3D noise reduction with our latest “low noise CMOS sensor”.
- UVC 1.0, RS232, RS485 & IP Control
- RJ-45 H.264, H.265 & MJPEG Streaming port
- HDMI, USB 3.0, IP Streaming (All Simultaneous)

BADGER PART NUMBER:
PT20X-USB-GY-G2 Gray
PT20X-USB-WH-G2 White

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
ONLINE STORE
we’ve got you covered

www.badgercommunications.com

FREE STANDARD SHIPPING
• for all orders that qualify for standard ground shipping, some exclusions apply

QUOTES
Easily view, create and modify quotes inside our online store. When you’re ready you can convert to an order with the click of a button.

WHAT’S IN STOCK?
Our stock quantities are clearly displayed in real-time.

ORDER HISTORY
View the order history for your entire company from the ORDER HISTORY tab on our Online Store.

715-672-4200
The Badger Communications team is available Monday-Friday 8am-4:30pm.

Technical and Design Support
The Badger Support Team will help you understand which hardware and software your Avaya systems need to ensure your customer has the features they need.

Save time and headache on your next install by having the Badger team pre-program your next Avaya system.

TRAINING
Choose our introductory classes to refresh or take your first steps into the world of Avaya and IP Office.

You can even sell an IP Office and program it during training at Badger.
**DB9 Extenders**
The DB9 Extenders give you the ability to extend your serial/VISCA cables over a longer distance, giving control of your camera via joystick or USB to Serial adapter to your PC with the VISCA software of your choice. These serial DB9 Male to Female cables are plenum rated and they come in black.

**BADGER PART NUMBER:**
- **DB9M-F-25** 25ft. DB9 Extender, Male-Female
- **DB9M-F-50** 50ft. DB9 Extender, Male-Female
- **DB9M-F-75** 75ft. DB9 Extender, Male-Female
- **DB9M-F-100** 100ft. DB9 Extender, Male-Female

**HDSDI Cables**
HD-SDI cables are made for broadcasting a video signal from your camera to a video input such as a broadcast switcher or frame grabber. The HD-SDI male to male cables are made with Belden 1695A premium cabling. These are plenum rated cables that come in white.

**BADGER PART NUMBER:**
- **HDSDI-25** 25ft. HDSDI, Male-Male
- **HDSDI-50** 50ft. HDSDI, Male-Male
- **HDSDI-75** 75ft. HDSDI, Male-Male
- **HDSDI-100** 100ft. HDSDI, Male-Male

**CASCADE Cables**
CASCADE cables are designed to daisy chain cameras to each other for the ability to control multiple camera with a joystick or VISCA software. These male to male VISCA cascade cables are include a 8-pin mini din connector on each end. These cables are plenum rated and they come in black.

**BADGER PART NUMBER:**
- **VISCA-25** 25ft. CASCADE, Male-Male
- **VISCA-50** 50ft. CASCADE, Male-Male
- **VISCA-75** 75ft. CASCADE, Male-Male
- **VISCA-100** 100ft. CASCADE, Male-Male
GROUP

GROUP, the amazingly affordable video conferencing system for mid to large-sized conference rooms, allows any meeting place to be a video collaboration space. It’s as simple to use as a mobile phone and affordable as an office chair, now it’s easier than ever to include anyone in the conversation.

• HD 1080p video quality at 30 frames-per-second • 90° field of view with mechanical 260° pan and 130° tilt
• Full-duplex speakerphone • Tight integration with top cloud communication apps
• Plug-and-play speakerphone setup • Works with most UC and video conferencing applications

BADGER PART NUMBER:
960-001054  GROUP Video Conferencing System

ConferenceCam Connect

HD 1080p video and 360° sound meet portability and affordability with the all-in-one Logitech® ConferenceCam Connect. Optimized for small workgroups of 1-6, this videoconference solution offers multi-device connectivity and sets up in a snap. Now enterprise-quality video, a USB and Bluetooth® speakerphone, and wireless screen mirror projection are available in virtually any workspace.

• Full HD 1080p video calling (up to 1920 x 1080 pixels); 720p HD video calling (up to 1280 x 720 pixels) with supported clients
• Integrated full duplex speakerphone with echo and noise cancellation
• Dockable remote control for camera/speakerphone functions
• Android or Windows 8.1 compatibility for screen mirroring

BADGER PART NUMBER:
960-001013  Logitech ConferenceCam Connect

BCC950 Small-Group Conference System

Combines professional HD video and superior speakerphone audio. Perfect for enabling small groups to have video meetings in conference rooms, offices and collaboration areas. Now small teams don’t have to compete for those overbooked video meeting rooms or huddle around a single PC just to have a video meeting.

• HD 1080p video at up to 30 frames per second • Built-in full duplex speakerphone and noise-cancelling mic
• ZEISS® optics with autofocus • 78-degree FOV with 180-degree camera pan
• USB plug and play connectivity

BADGER PART NUMBER:
960-000866  Logitech BCC950 Conference System

C930e Webcam

Logitech’s most advanced HD business webcam yet. Enables true-to-life collaboration with the widest-ever field-of-view in a business webcam. As the first webcam with HD 1080p H.264/SVC UVC 1.5 encoding, video is processed within the camera and adjusts dynamically to the available bitstream. The result is a smoother video stream in applications like Microsoft® Lync™ 2013.

• HD 1080p video quality at 30 frames-per-second • H.264 with Scalable Video Coding (SVC) and UVC 1.5 encoding technology • 90-degree diagonal field of view
• Pan, tilt and zoom option controlled by software • ZEISS® glass lens • Convenient privacy shutter

BADGER PART NUMBER:
960-000971  Logitech C930E Webcam

C920-C Webcam

The same webcam that is included in the UC Solution for Cisco 725-C can also be purchased individually. Designed exclusively for Cisco, this professional HD webcam seamlessly integrates with Cisco solutions to bring face-to-face communication to the collaboration experience.

• HD 1080p2 video at up to 30 frames per second • UVC H.264 encoding technology
• 78-degree field of view with true widescreen

BADGER PART NUMBER:
960-000945  Logitech C920-C Webcam

B910 Webcam

With HD 720p video, stereo audio and included privacy shutter, the B910 webcam is an easy way for professionals to collaborate—without leaving their desks.

• HD 720p video quality at 30 frames-per-second • Autofocus for image sharpness at multiple distances • ZEISS® glass lens • Convenient privacy shutter

BADGER PART NUMBER:
960-000683  Logitech B910 Webcam
**Video Conferencing (VCS) Products**

**VC120-12X**
- Multipoint license for up to 8 parties
- H.264 high profile, saving 50% bandwidth
- Yealink Intelligent Firewall Traversal
- Bandwidth dynamic adaptive adjustment
- Video recording and playback
- Remote diagnosis
- Dual displays and ‘focus’ feature
- High compatibility and interoperability
- TCP/IP & RS232 with API support

**BADGER PART NUMBER:**
VC-120-12x

**SIP-T49G**
- 8” 1280 x 800 capacitive (10 points) touch screen IPS LCD
- Full-HD 1080p30 video call
- 2 mega-pixel HD camera with privacy shutter
- Built-in Bluetooth 4.0+ EDR for headsets and pairing mobile devices
- Built-in Wi-Fi (Dual-band:2.4GHz & 5GHz, 802.11a/b/g/n)
- Standard HDMI output for connection to monitor
- USB ports (2.0 compliant) for media and storage applications
- Up to 16 SIP accounts
- Three-way video conferencing
- Five-way audio/video mixed conferencing

**BADGER PART NUMBER:**
SIP-T49G

**Yealink VC Mobile**
HD Video Collaboration APP for both iOS and Android
Yealink VC Mobile being compatible with iOS 8.0, Android 4.4 or later, as a new type app launched by Yealink used for a high definition video conferencing, extended this kind of video conferencing to such mobile staff as a tablet or smart phone. In accordance with your device type, it will accordingly display the user interface and provide you with the most comfortable and intuitive experience, be it a tablet or a smart phone. It is equipped with multiple network traversal modes for greater adaptability, including NAT, H.460, STUN, TURN, ICE. In addition, superior bandwidth adaptability and up to 8% packet loss resistance guarantee the smooth course of a video conferencing to the maximum. Carried with Yealink VC Cloud Management Service and no messing around with settings, Yealink VC Mobile enables you to make interconnections easily with any Yealink Cloud users at any time, at any place and in any network environment. As a new and very innovative product, Yealink VC Mobile is the ideal partner for you to have a mobile and HD video conferencing.

- Yealink VC Cloud Management Service
- HD Video/Audio/Content Sharing
- H.323/SIP dual-protocol support
- H.264 High Profile, saving 50% bandwidth
- Bandwidth Adaptability
- Screen Resolution Adaptability

**Yealink VC Cloud Management Service**
The Yealink VC Cloud Management Service (VCMS) is a value-added cloud-based service platform for Yealink video conferencing endpoints and apps, including the VC series of room systems, T49G desktop video phone and VC Desktop/Mobile. VCMS offers significant convenience and cost-savings to integrators and business customers in terms of deployment, configuration and usage.

- No need for a public IP address
- Firewall traversal; Simply plug and play
- Quickly create and distribute batch user accounts
- Use a 4-digit extension number for internal company calls
- Use a 9-digit number for external company calls
- Real-time Corporate Directory Updates
- Meeting and data safeguarded by TLS signal encryption and SRTP media encryption
- All the data transmitted end-to-end without going through a cloud server
- High reliability by leveraging Amazon server and hot-standby system
Yealink One-stop SME-tailored Video Conferencing Solution

Yealink proudly presents its One-stop SME-tailored Video Conferencing Solution, which works perfectly in the cloud or on-premise. Based on the Easy Collaboration concept, Yealink’s solution ends the video conferencing dilemma for SMEs, which often confront relatively weak network infrastructure, limited IT resources and expensive licensing and update fees. Combining high quality, ease of use and cost efficiency, Yealink’s solution enables SME users to connect visually and to collaborate more effectively with convenience, flexibility and ease, thanks to Yealink’s leading-edge videoconferencing technologies.

User Benefits of Yealink’s Solutions

- **Remarkable video and audio quality**
  Yealink products support 1080p HD video and HD voice (with TIA920 certification) across multiple sites, creating a virtual face-to-face experience.

- **Easy to use and deploy**
  The industry-unique Intelligent Firewall Traversal technology allows zero advance firewall configuration for branch offices. Its friendly user interface and intuitive operation allows users to go from a newly-opened product package to their first video conference in just five minutes.

- **Smooth conferencing with no dedicated network needs**
  Support for the H.264 High Profile saves up to 50% on bandwidth needs while providing high-quality video (1080P at 1Mb bandwidth, 720P at 512Kb). Eliminating the need to upgrade existing networks translates into real cost savings for many SMEs.

- **Extensive compatibility**
  Yealink’s VC Series works well with cloud-based video conferencing platforms, videoconference systems and MCUs from multiple providers, helping SMEs to avoid compatibility and update issues.

- **No license and update costs, more savings**
  Yealink does not charge additional licensing fees for 1080P HD video, dual-screen support, recording, content sharing or software updates, enabling SME users to enjoy the best possible video conferencing experience within a limited budget.

- **Anywhere, anytime, any device**
  Yealink’s full-scenario Video Conferencing Solution extends past the conventional conferencing environment, from the desktop to smartphones to tablets. Yealink enables companies to enjoy the video conferencing experience at anytime, anywhere and on any devices.

---

View our searchable electronic catalog at: www.badgercommunications.com