

**PELCO**<sup>TM</sup>

by **Schneider** Electric

IP Cameras for  
any application



**Choose with Confidence.**

# Limitless possibilities

Any lighting condition. Any environment. Any application.



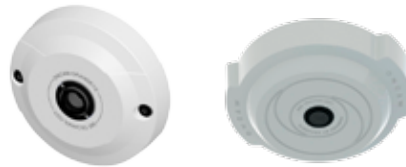
# Pelco IP Cameras

With thousands of IP camera options to choose from, there's a Pelco™ by Schneider Electric™ IP camera suitable for every lighting condition, environment, and application imaginable. From fixed, entry-level cameras to high-performance pan/tilt/zoom (PTZ) and thermal imaging systems, Pelco has IP cameras that allow you to capture your important video data with confidence.



## Fixed IP Cameras

- Sarix™ Enhanced Range
- Sarix Professional Range



## Panoramic IP Cameras

- Optera™ 180°/270°/360° Cameras
- Evolution 360° Cameras
- Evolution 360° Mini Camera



## IP Positioning Systems

- Spectra Enhanced dome systems
- Spectra Professional dome system
- Esprit™ HD integrated positioning system



## Specialty IP Cameras

- ExSite™ explosion-proof camera systems
- Sarix TI thermal imaging cameras

# Sarix Enhanced Range With SureVision 2.0

Designed for performance, premium experience, and mission-critical applications, the Sarix Enhanced Range with SureVision™ 2.0 delivers the best possible image when the scene contains difficult lighting conditions, such as bright areas, shaded areas, and intense light. The optimized modular design, motorized zoom, built-in analytics, and advanced features of the Sarix Enhanced Range provide a best-in-class user experience. Designed with superior reliability and fault tolerance, these rugged fixed IP cameras ensure you always get the video that you need.

## Features:

- SureVision 2.0 technology, including:
  - True WDR
  - Advanced low-light performance
  - Antibloom technology
  - Automatic adjustment for above lighting conditions
  - 3D noise filtering
  - Enhanced tone mapping
- Up to 30 images per second (ips) at 3 megapixel (MPx)
- Up to two 1080p, 30 fps video streams
- Power over Ethernet (PoE), IEEE 802.3af
- Built-in Pelco analytics suite
- Local storage (Micro SD)
- Compatible with Pelco and third-party video systems
- ONVIF™ Profile-S and Profile-G conformant

## Models:

- Sarix IXE Series box cameras with SureVision 2.0
- Sarix IME Series environmental mini domes with SureVision 2.0
- Sarix IME Series vandal mini domes with SureVision 2.0
- Sarix IME Series indoor mini domes with SureVision 2.0



Box cameras



Indoor mini domes



Environmental/vandal mini domes



**SureVision 2.0 —  
For a higher  
quality image**



*With SureVision 2.0*



*Without SureVision 2.0*



# Sarix Professional Range IP Cameras

With selection, versatility, and affordability, Sarix Professional Range packs the most popular features and functionality of Sarix technology into a variety of indoor and environmental IP cameras. Mix and match the technical options and form factors you need for one of the widest selections of box, bullet, and mini dome cameras in the industry. The Sarix Professional Range offers an extensive choice of models, one-stop shopping, and competitive prices, so you will find the camera you need for almost any lighting condition, environment, or application.

## Features:

- Up to 5 MPx resolution
- Up to 30 ips at 1080p
- Autofocus motorized remote zoom lens (bullet and mini domes)
- Integrated adaptive infrared (IR) illumination (bullet and mini domes)
- Multiple CS-mount lens options (box cameras)
- Accessible edge storage with Micro SD card
- PoE and 24 Vac power input
- Compatible with Pelco and third-party video systems
- ONVIF Profile-S conformant

## Models:

- Sarix IXP Series box cameras
- Sarix IBP Series environmental bullet cameras
- Sarix IMP Series indoor mini domes
- Sarix IMP Series environmental mini domes
- Sarix IMP Series environmental mini domes with IR



Box cameras



Indoor mini domes



Bullet cameras with optional IR



Environmental mini domes with optional IR



Panoramic IP cameras  
for 360° surveillance





# Optera with SureVision 2.0

Optera is the next best thing to being in the middle of the scene itself, offering the unparalleled ability to find and capture the necessary evidence to make critical, business-enabling decisions. Optera's Panomersive Experience delivers up to 12 MP resolution with the option for completely stitched, seamless, and blended panoramic views without the disruption and distraction of disjointed sensor boundaries.

## Features:

- Constant, seamless situational awareness
- Zoom in for detail live or retrospectively with client-side dewarping
- Multiple immersive PTZ views at VMS
- Up to 12 MPx (4 x 3 MPx) resolution for better detail at a distance
- Up to 12.5 frames per second (fps) at 12 MPx resolution
- Outstanding WDR and low-light performance at the same time
- 8 Pelco video analytic behaviors
- Local storage (Micro SD)
- ONVIF Profile-S and Profile-G conformant
- Compatible with Pelco VideoXpert™, Digital Sentry™, and third-party VMS partners
- Power over Ethernet Plus (PoE+)
- 3-year warranty

## Models:

- Optera IMM 180° Series with SureVision 2.0
- Optera IMM 270° Series with SureVision 2.0
- Optera IMM 360° Series with SureVision 2.0



**SureVision 2.0 —  
For a higher  
quality image**



*With SureVision 2.0*



*Without SureVision 2.0*

# Evolution 360° Cameras

Evolution cameras provide total situational awareness over a 360° field of view. They generate a number of video streams at a choice of resolutions, as well as configurable privacy zones and video motion detection within defined areas of interest.

There really are no limits to how 360° technology — coupled with the best patented 3D dewarping technology integrated into a video management system (VMS) — can add value. The many facets of the Evolution 360° camera and its forensic capabilities are literally limitless, ranging in every application imaginable from city surveillance to retail, gaming, and more.

## Features:

- Constant 360° surveillance, no blind spots
- Patented client-side 3D dewarping technology
- Compatible with Pelco Endura, Digital Sentry, and many popular VMS platforms
- 5 MPx 1/2.5 CMOS sensor
- 0.2 lux and WDR
- H.264/MJPEG multistream
- Silent operation, no moving parts
- PoE or 12 VDC
- SD card slot, I/O, and audio line-in
- Indoor, IP66 outdoor, black and white options
- Ceiling/wall/table mount
- ONVIF Profile-S compliant

## Models:

- Evolution 360° indoor camera
- Evolution 360° indoor concealed camera
- Evolution 360° outdoor dome camera





# Evolution 360° Indoor Mini Camera

With an impressively small diameter of only 4¼ inches (108 mm), the Evolution 360° Indoor Mini Camera is the smallest 360 in the industry, making it a great cost-effective camera for hospitality, retail, and banking facilities — anywhere a small and discreet, but hugely robust, camera is required.

Suitable for ceiling-, wall- or table-mounted applications, the Evolution Mini is an IP camera with a 5-MPx sensor and no moving parts. The small unit is designed for quick and easy installations indoors where a professional, lightweight, small, indoor enclosure is required. The Evolution Mini has a convenient surface-mounting design that fully supports IEEE802.3af Class 2 PoE for installation convenience.

## Features:

- Compact diameter 108 mm (4¼")
- 5MP 1/2.5 CMOS sensor
- H.264/MJPEG multistream
- 0.2 lux
- PoE or 12 VDC
- Ceiling/wall/table mount
- Compatible with Onecam Grandeye 3D dewarping software
- Client-side dewarping on Pelco Digital Sentry and other compatible VMS platforms, SD card slot, I/O, and audio line-in
- ONVIF Profile-S compliant

## Models:

- Evolution 360° indoor mini camera



*Pelco IP positioning systems deliver  
unparalleled image quality*





# Spectra Enhanced — PTZ High Speed Dome System

Pelco's PTZ High Speed dome systems take a leap in image quality with the new Spectra Enhanced product offering. This top tier dome provides industry-leading image quality with a wide dynamic range (WDR) imaging system, 60 IPS video, electronic image stabilization (EIS), and a whole host of features such as image defog and Pelco's full suite of behavioral analytics. These features, along with SureVision 2.0 and 130 dB WDR, make the camera system an ideal solution for detecting and capturing faces, license plates, tattoos, and evidentiary details in nearly any lighting situation.

## Features:

- Up to 1920 x 1080 resolution at up to 60 ips at 16:9 aspect ratio
- Full suite of built-in analytics including AutoTracker, Adaptive Motion Detection, Abandoned Object, and more
- Two simultaneous video streams: Dual H.264 or H.264 and Scalable MJPEG
- 360° continuous pan rotation at 400° per second
- Full functionality using HPoE and PoE+
- Lower Latency Mode decreases the latency of the Pan/Tilt System for pan and tilt drivability
- Defog Mode provides three levels of fog removal within the Image for improved image quality
- Vivid Mode can be turned on/off to drastically improve the image contrast and color saturation for beautiful imagery
- EIS
- 16 preset tours, 256 dome presets, 32 window blanks
- ONVIF Profile-S and Profile-G conformant
- 32 GB on board storage via SD card



## Endless Adaptability

Increased resolution over standard-definition IP cameras delivers unmatched forensic detail.

An ideal solution to view and identify specific features, such as faces, license plates, playing cards (gaming applications), etc.

- Commercial
- Industrial
- City surveillance
- Traffic monitoring
- Gaming



# Spectra Professional - PTZ High Speed Dome System

Pelco breaks the price vs. performance barrier with the powerful, cost-effective Spectra Professional Series of discreet, integrated, high-speed dome camera. Spectra Professional delivers 2.0 MPx resolution (1920 x 1080 @ 30IPS), high-profile H.264 compression, built-in analytics including motion detection and camera sabotage, 20X optical zoom and 360° continuous pan rotation up to 430° per second. The dome system features open architecture connectivity for third-party software recording solutions allowing integration into virtually any IP-based system.

## Features:

- Up to 1920 x 1080p resolution
- 16:9 aspect ratio; 1080p at 30 ips
- 2.0 MPx, 20X optical zoom, 12X digital zoom IP camera
- Ability to control and monitor video over IPv4 network
- Built-in analytics including Motion Detection and Camera Sabotage
- Two video streams: Dual H.264 or H.264 and Scalable MJPEG
- 360° continuous pan rotation up to 430° per second
- Supported protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, and more
- PoE+ IEEE 802.3 at Class 4 (for non-environmental units)
- Four preset tours, 64 dome presets, 8 window blanks
- Open IP standards
- ONVIF Profile-S and Profile-G conformant
- IK10 rated
- 32 GB on board storage via SD card



## Innovation Continues

Spectra Professional delivers clear, live-streaming, HD images. The camera delivers beautiful video images with an impressive number of pixels on target so that critical identifying features can be seen with great detail.

### APPLICATIONS

- Commercial
- Industrial
- City surveillance
- Traffic monitoring
- Gaming

*A critical part of  
your site's security  
infrastructure*



# Esprit HD 1080p — Integrated and Pressurized PTZ Systems

Pelco takes its industry-leading Esprit Series positioning system into the world of HD. Esprit HD delivers 2.0 MPx resolution (1920 x 1080 @ 30 ips), two simultaneous video streams: Dual H.264 or H.264 and Scalable MJPEG, built-in analytics including AutoTracker and Adaptive Motion Detection, 30X optical zoom with WDR camera. Esprit HD features open architecture connectivity for third-party software recording solutions allowing integration into virtually any IP-based system.

## Features:

- Up to 1920 x 1080p resolution
- 16:9 aspect ratio; 1080p at 30 ips
- 2.0 MPx, 30X optical zoom, 12X digital zoom, WDR camera
- Ability to control and monitor video over IPv4 and IPv6 networks
- Built-in analytics
- Two simultaneous video streams: Dual H.264 or H.264 and Scalable MJPEG
- Supported protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, and more
- EIS
- Pan/tilt and enclosure with integrated optics package (IOP) or pressurized integrated optics cartridge
- 16 preset tours, 256 presets, 32 window blanks
- Integrated window wiper with configurable delay and shut-off
- ONVIF Profile-S conformant



## The Best Just Got Better!

Esprit HD delivers crystal-clear, live-streaming images over IP networks. With six times the resolution of standard-definition positioning systems, Esprit HD is an ideal solution to view details such as faces, license plates, tattoos, or other specific features.

### APPLICATIONS

- Traffic monitoring
- City center surveillance
- Airports & marine environments
- Heavy commercial & industrial



*Specialty IP cameras to handle any  
of your hazardous environments or  
impossible lighting conditions*



# ExSite IP Series — Explosion-Proof Camera Systems

The ExSite Series offers network-based, explosion-proof PTZ and fixed camera systems with integrated camera/lens/receiver for safe and efficient installation in hazardous locations. Featuring low-light technology, multiple compression formats, and both upright and inverted operation, ExSite IP provides the image quality, performance, and reliability you demand in the most challenging environments.

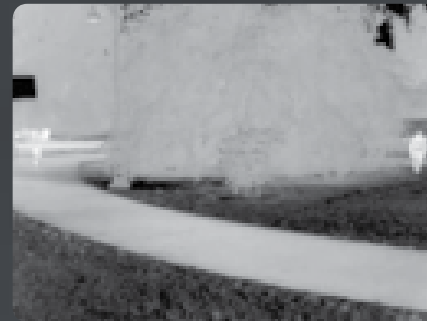
## Features:

- IOP with 36X optical zoom, 12X digital zoom
- H.264, MPEG-4, and MJPEG compression
- Compatible with Pelco and third-party video systems
- ONVIF 1.02 conformant
- Up to two simultaneous video streams
- Electropolished 316L stainless steel construction
- -60 °C to +60 °C operating temperature range
- Upright or inverted operation
- Manual 200° pan and 180° tilt adjustments (EHXME Series)
- 360° continuous pan rotation with tilt range +90° to -90° from horizontal (IPSXME Series)
- Password protection
- Optional window wiper





*Visible Light Camera*



*Sarix TI Camera*

*From borders and building perimeters to industrial pipelines, Sarix TI can discover potential safety threats in any lighting condition, maximizing the time you have to respond.*



# Sarix TI Thermal IP Cameras

Sarix TI excels in impossible light and automatic detection, especially in blinding sun, smoke, and total darkness. It has enhanced image quality, easy network integration, advanced analytics, and unprecedented value. Sarix TI puts thermal imaging within reach for any application. With cameras available in both fixed and pan/tilt models, Sarix TI is flexible enough to fit into any new or existing system.

## Features:

- Plug-and-play with the industry's most common recording and VMSs
- Fully integrated sensor, camera, enclosure, and pan/tilt system
- Fixed and pan/tilt models
- Integration into any IP or analog system
- Sun-safe amorphous silicon sensor
- Five built-in analytics
- Thermography (SMR)
- Full and reduced frame rate options
- Multiple resolution options, up to 640 x 480
- Compatible with Pelco and third-party video systems
- SD Card local recording
- ONVIF 1.02 conformant



*Standard Visible Light Camera*



*Sarix TI Camera*

# Sarix TM Thermography IP Cameras

The Sarix TM Thermography IP camera is an advanced thermal imaging camera designed for easy integration into any new or existing video security application. The camera provides predictive maintenance and process monitoring capabilities by detecting temperature fluctuations in user-defined areas. Every Sarix TM camera features IP outputs and an integrated, environmentally protected IP66-rated enclosure. Available in fixed and pan/tilt models.

## Features:

- Fixed or pan/tilt (PT) options
- Built-in thermography analytics and alarms
- Temperature monitoring event and metadata streaming
- Minimum/maximum/average temperature algorithms
- Auto environmental compensation and correction
- Up to 16 user-defined alarm zones for each profile
- Compatible with Pelco and third-party video systems
- Uncooled, sun-safe, amorphous silicon microbolometer
- Long wave infrared (LWIR)
- SD Card local recording multiple lens options
- Complete with sun shroud and heater/defroster
- Meets NEMA Type 4X and IP66 Standards



# Empowering customers with more options

*Pelco is committed to providing a range of products and integration options that is unmatched in the industry.*

## Open systems and design

Pelco IP cameras and IP VMSs are designed to easily integrate with the industry's leading manufacturers, including Genetec®, Milestone, Software House, and Lenel. Our IP cameras seamlessly connect to Pelco IP and hybrid systems such as Endura™, Digital Sentry, and DX Series hybrid video recorders (HVRs). Pelco cameras also feature open architecture and conformance to ONVIF Profile S for connectivity to third-party software. Furthermore, Pelco offers an application programming interface and software development kit for interfacing with Pelco IP cameras and systems. The extensive range of integration options offered by Pelco gives customers the choice they demand.

## Partner first integration

With an industry-leading approach to open systems design and the development of strategic alliances and partnerships, Pelco truly understands the value that comes with working together to deliver fully integrated video security solutions. Our groundbreaking Partner First program marks a new level of openness as we work on a daily basis to identify and bring to market additional features, capabilities, and solutions to our existing portfolio of video security solutions. Please see [pelco.com/partnerfirst](http://pelco.com/partnerfirst) to see a full directory of integration partners.

## ONVIF

Support of ONVIF is a key part of our commitment to being an open and integrated company. Pelco is a full member of ONVIF, actively participating in multiple ONVIF working groups and committees driving interoperability between IP-based physical security products regardless of manufacturer. ONVIF is a nonprofit organization, open industry forum, promoting and developing global standards for interfaces of IP-based physical security products.

## Open and Integrated

Pelco products are designed to easily integrate with the industry's leading manufacturers.





**IP Driven** — Ask for genuine Pelco IP camera accessories

Whether you're looking for specialized functionality, enhanced capabilities, or simply added peace of mind, look to Pelco for the industry's widest and most complete selection of IP camera accessories. Engineered to the highest standards and tested extensively to ensure precise compatibility and optimum performance, all of our accessories offer genuine Pelco quality, supported by the best service and guarantees in the industry. Save time and money, and provide tested and proven solutions for your customers — ask for genuine Pelco IP camera accessories.

**New IP accessories include:**

- Fortified camera enclosure systems
- IP-ready general-purpose enclosures
- IR and white light LED illumination
- IP fiber optic transmission
- Ethernet over coax/UTP transmission
- PoE midspan power transmission
- HD LCD monitors/displays
- Portable IP camera installation tool



# Manage Your IP Cameras With Pelco VMS

*With multiple platforms to choose from, there's a Pelco VMS to meet your unique system requirements. From the groundbreaking user experience of VideoXpert, to the powerful scalability of Endura, to the mainstream flexibility of Digital Sentry, to cloud-based video management solutions, Pelco IP VMS solutions provide a solid foundation from which you can securely and efficiently operate your entire video security landscape.*

## **VideoXpert**

VideoXpert's intuitive design and easy-to-navigate presentation effortlessly displays what's needed, when it's needed, allowing security professionals to make fast, effective decisions that drive businesses forward. Its powerful integration capabilities deliver a single solution to leverage the expertise of new and existing third-party providers for expanded and customizable functionality.

## **Endura VMS**

The Endura IP VMS offers the scalability, performance, and reliability required for mission-critical surveillance applications. Scalable to thousands of cameras, Endura is designed to fit a wide range of customer applications — including airports, casinos, and city surveillance — where unmatched fault tolerance and system integrity are mandatory.

## **Digital Sentry VMS**

With full-featured DSNVs video management software, a robust DSSRV network video recorder, analog camera support via optional direct-attached or network video encoders, multisite monitoring, and support for third-party IP cameras, Digital Sentry is a flexible VMS for mainstream security applications.

## **Hybrid Video Recorders (HVRs)**

Pelco DX Series HVRs meet the demands of customers migrating to IP video while leveraging their existing analog video surveillance infrastructure. With support for eight to 32 analog cameras, plus eight IP MPx cameras (DX4700HD/DX4800HD), and storage from 250 GB to 8 TB, these easy-to-use systems are ready to record out of the box.



# *IP camera tools designed with you in mind*

*From an array of online tools, calculators, and selection guides to quick-and-easy access to product documentation, software downloads, licensing agreements, product marketing materials, and more — Pelco has the valuable tools you need. These resources are part of the VantagePoint offer — a portfolio of customer-focused programs, tools, and services specifically designed to elevate your success.*

## **Camera Selector Tool**

Our Camera Selector Tool makes it easy to find the right camera for your next installation. You can quickly compare up to four cameras to ensure you have selected the camera that most accurately suits your needs.

## **3D Design Tool**

Pelco and Fortem have partnered to offer a unique tool to make 3D facility design and management of video surveillance systems a reality. Make planning your next project a breeze with this easy-to-use tool.

## **Pelco Camera Tool**

The guessing game is over. With the Pelco Camera Tool, you can determine the ideal placement of any Pelco camera in order to get optimal video coverage at any installation site. It also integrates with Google Maps™ and Google Earth™, allowing you to actually see video coverage over a physical location in just a few easy steps.





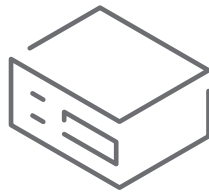
# IP driven. Customer focused.

At Pelco, we are committed to the development and manufacturing of open IP video security systems coupled with an unparalleled level of customer service and support. From an expanded selection of IP security cameras and VMSs to full HD displays, traditional surveillance technologies, accessories, and more, Pelco is your trusted video security partner.

As part of Schneider Electric, Pelco connects you to the global specialist in energy and security management, and has the ability to deliver integrated security and building management solutions that let you control your entire security landscape across enterprises, from a single user interface.



Capture



Manage



Display



**Be sure to ask or search online for the following:**

- PGTI training
- B.O.S.S.™ 5.1 specification tool
- IP products compatibility guide
- VMS overview
- Pelco Press case studies

For more information, please visit [pelco.com](http://pelco.com) or call 800-289-9100 (United States and Canada) or 559-292-1981 (international). For pricing information or to purchase Pelco products, please contact your manufacturer's representative or the Pelco office in your area.

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