PELCO™

by Schneider Electric

IP Cameras for
any application

Choose with Confidence.

It Starts with Video...

...Where It Leads Is Up To You.

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™ Multi-Sensor Cameras
- Evolution Fisheye Cameras

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 discreet design, motorized zoom, built-in analytics, and advanced features of the Sarix Enhanced Range provide a best-in-class user experience. Engineered 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 ips at 3 MPx
- Up to two 1080p, 30 fps video streams
- 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 IME Series Indoor, Environmental, and Vandal Mini Domes
- Sarix IXE Series Box Cameras

Coming Summer 2016!
Next Generation Sarix Enhanced Range

Features:

- SureVision 2.0 technology
- Up to 3 MPx resolution
- Up to 60 ips at 3MPx
- Autofocus Varifocal 3 - 9 mm, 9 - 22 mm lenses (Domes and Bullets)
- CS lens mounts with auto back focus (Box)
- PoE (Bullet); PoE, 24 Vac, 12Vdc (Domes and Box)
- Built-in analytics suite
- Up to 64 GB edge storage with SD card
- Electronic Image Stabilization (EIS)
- Compatible with Pelco and third-party video systems
- ONVIF Profile S and Profile G conformant
- Full 3-Year warranty and support

Models:

- Sarix IME Series Indoor and Environmental Mini Domes
- Additional models coming later this year

Indoor Mini Domes

Box Cameras

Bullet Cameras

Sarix Professional Range IP Cameras

The next generation Sarix Professional Range cameras pack the most popular fixed IP camera features and functionality into a broad assortment of affordable indoor and environmental cameras to maximize your video security options and protect your people, property, and bottom line. Their superior low light performance and adaptive IR illumination excel at capturing important details in the dark, such as faces and license plates, which are critical for effective site security and asset protection.

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, Environmental, and Environmental with IR Mini Domes

Available Now!
Next Generation Sarix Professional Range

Features:

- Up to 5 MPx resolution
- Up to 30 ips at 3 MPx
- WDR 75dB, min illumination 0.05 LUX
- Up to 64 GB edge storage with Micro SD card
- Operating temperature up to 55 °C (131 °F)
- Domes and bullets vandal resistant to IK10, all surfaces
- IP67 ingress protection in environmental models
- Adaptive IR available in environmental models
- Compatible with Pelco and third-party video systems
- ONVIF Profile S and Profile G conformant
- Full 3-year warranty and support

Models:

- Sarix IBP Series Indoor and Environmental Bullets
- Sarix IMP Series Indoor and Environmental Mini Domes
- Sarix IJP Series Indoor Micro Dome
- Sarix IWP Series Vandal Resistant Wedge

Bullet Cameras

Indoor Mini Domes

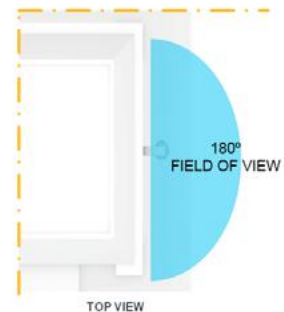Bullet Cameras with Optional IR

Indoor Micro Dome

Environmental Mini Domes with Optional IR

Wedge Cameras

180° Optera Series

This option looks both ways along a straight line and is ideal for wall positions, platforms and streets.
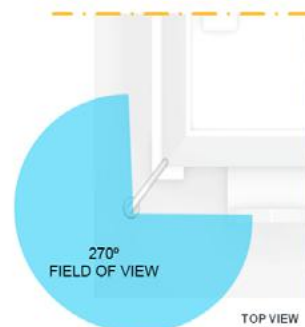
180° Camera

180° FIELD OF VIEW

TOP VIEW

270° Optera Series

The unique Optera 270° configuration is ideal for situations where you want to see out across the horizon and also below the camera, such as outside corner deployments and over doorways and entrances.
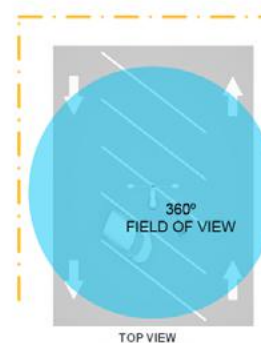
270° Camera

270° FIELD OF VIEW

TOP VIEW

360° Optera Series

The Optera 360° configuration gives a complete 360-degree panoramic view and is ideal for wide open spaces, including lobbies, parking lots, and building perimeters.

360° Camera

360° FIELD OF VIEW

TOP VIEW

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
- Multiple immersive PTZ views at VMS
- 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

Panoramic IP cameras for 360° surveillance

Evolution Fisheye Cameras

Maximize your video security coverage and investment with the Evolution 360º fisheye cameras. Evolution cameras provide total situational awareness over a 360º field of view, generating 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. With client-side dewarping and retrospective analysis, you have the best forensic fisheye camera available on the market today.

Features:

- Constant 360° surveillance, no blind spots
- Patented client-side 3D dewarping technology
- H.264/MJPEG multistream
- Silent operation, no moving parts
- PoE or 12 Vdc
- Ceiling/wall/table mount
- Ultra-small, 4 1/2-inch (108mm) indoor form factor available
- ONVIF Profile-S compliant

Models:

- 12MP and 5MP Evolution 360° Indoor Cameras
- 12MP and 5MP Evolution 360° Indoor Concealed Cameras
- 12MP and 5MP Evolution 360° Outdoor Dome Cameras
- 5MP Evolution 360° Mini

12MP Outdoor Cameras

Indoor Concealed Camera   5MP Mini Camera   12MP Indoor 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 any lighting situation.

Features:

- Up to 1920 x 1080 resolution at up to 60 ips
- 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 450° per second
- Full functionality using HPoE and PoE+
- Extremely low latency between the camera and the user make the camera easy to use and easy to drive
- 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
- Electronic Image Stabilization (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 1080P @ 30IPS), high-profile H.264 compression, built-in analytics including motion detection and camera sabotage, 20X optical zoom and fast continuous 360° pan and tilt speed. The dome system features open architecture connectivity for third-party VMS and 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 or IPv6 networks
- Built-in analytics including Motion Detection and Camera Sabotage
- Two video streams: Dual H.264 or H.264 and Scalable MJPEG
- Fast and continuous 360° pan and tilt
- Supported protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv6, GB28181, and more
- PoE+ IEEE 802.3 at Class 4 (for non-environmental units)
- Four preset tours, 64 dome presets, 8 window blanks
- 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 1080p @ 30 ips), two simultaneous video streams: Dual H.264 or H.264 and Scalable MJPEG, a full suite of built-in analytics including AutoTracker and Adaptive Motion Detection, and 30x Optical Zoom. 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
- Ability to control and monitor video over IPv4 and IPv6 networks
- Full suite of 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
- Electronic Image Stabilization (EIS)
- Optional pressurized integrated optics cartridge (IOC)
- 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:

- Integrated Camera 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
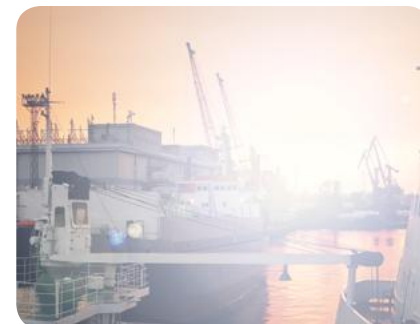- Optional window wiper

Sarix TI Thermal IP Cameras

Sarix TI excels in automatic detection and impossible light, including 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.
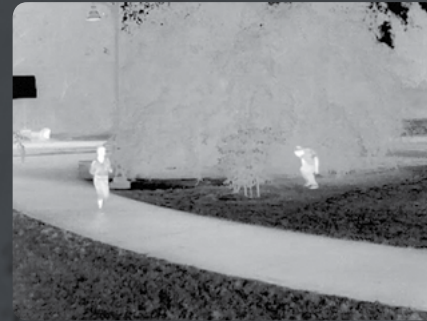
Features:

- 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 types of Security Video Analytics
- 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

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 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

For many video security professionals, openness is as important as reliability. And as physical security cements its presence on the network, customers are demanding open platforms and interoperability to enhance their solutions.
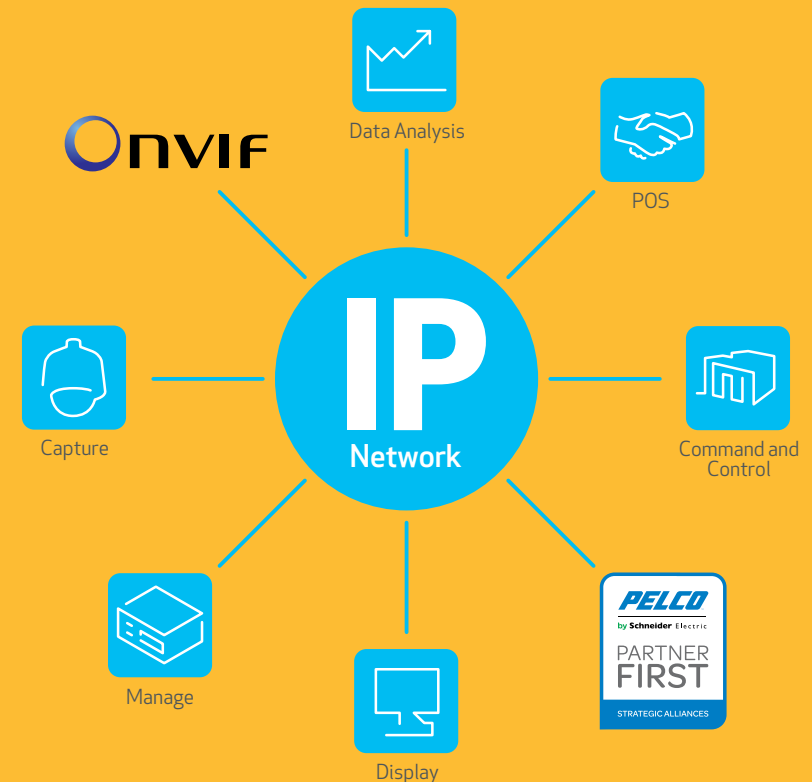
From point-of-sale and access control to the deployment of advanced mapping systems, Pelco is actively bringing third-party solution sets in line with our existing products and technologies to give customers the flexibility they need without sacrificing the system performance they require.

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 to see a full directory of integration partners.

Open and Integrated

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

Onvif

Data Analysis

POS

IP Network

Command and Control

Capture

Manage

Display

PELCO
by Schneider Electric
PARTNER FIRST
STRATEGIC ALLIANCES

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

When it comes to your VMS, one size doesn't fit all. That's why Pelco has evolved our VMS platform to enable, empower and support our customers with a solution for any application. 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.

Enterprise Class Solutions

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. From solutions for hundreds or thousands of cameras to multi-location infrastructures, the VideoXpert platform is designed to meet your security needs.

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.

Solutions for Mainstream Applications

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.

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 provide 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.

Selection Guides

The guessing game is over. Pick the right mounting accessories every time, by leveraging the Quick Reference Guide. Or get an overview of our most popular products using the IP Product Comparison Guide to quickly see all that Pelco has to offer.

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.

For more information, please visit **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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