IP cameras for any application

Choose with confidence.

PELCO

by **Schneider** Electric

Pelco IP cameras
Capture with confidence

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™ Value Range
- Sarix Professional Range
- Sarix Enhanced Range
- Sarix legacy cameras

IP positioning systems

- Spectra™ HD dome positioning systems
- Esprit™ SE IP integrated positioning systems

Specialty IP cameras

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

Limitless possibilities

Any lighting condition. Any environment. Any application.
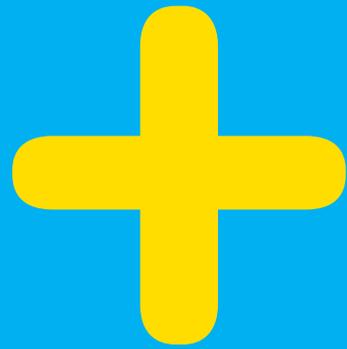
SureVision 2.0 — for a higher quality image

When a single scene contains bright areas, shaded areas, and intense light, image quality has traditionally suffered. But not anymore. New SureVision™ 2.0 technology not only combines wide dynamic range (WDR), low-light, and anti-bloom capabilities but also 3D noise filtering, smooth response to illumination changes, and improved tone mapping to retain color accuracy and overall image contrast. This allows Sarix to automatically deliver the best possible image in the most complex lighting conditions.
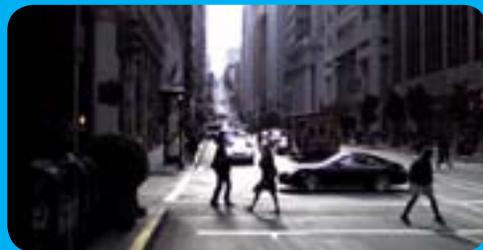
Without SureVision 2.0

With SureVision 2.0

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, better than the human eye. The optimized modular design, motorized zoom, built-in analytics, and advanced features of the Sarix Enhanced Range provide a best-of-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
  - Anti-bloom technology
  - 3D noise filtering
  - Enhanced tone mapping retains color accuracy and image contrast
- Up to 30 images per second (ips) at 3 megapixel (MPx)
- Power over Ethernet (PoE), IEEE 802.3af
- Adaptive motion detection and camera sabotage analytics
- Local storage (Micro SD)
- Compatible with Pelco and third-party video systems
- ONVIF™ Profile S 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

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
- Motion detection and camera sabotage analytics
- PoE and 24 Vac power input
- Compatible with Pelco and 3rd-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
- Satrix IMP Series environmental mini domes with IR

Box cameras

Indoor and environmental mini domes

Sarix Value Range IP cameras

Sarix Value Range cameras are high-definition (HD), cost-effective, IP network cameras perfect for most any indoor fixed video security application. The Sarix IL Series cameras produce high-quality color HD video, and the integrated, prefocused, fixed focal length lens makes sharp scene alignment and installation quick and easy.

The mini box camera models offer unique mounting flexibility, and the micro dome models ship with quick snap-in ceiling mounts. Convenient network connectivity, PoE models, and a simple Web user interface make for easy plug-and-play finalization of settings and positioning adjustment.

Features:

- 720p (1280x720) MPx resolution
- Up to 30 ips
- H.264 compression
- Minimum illumination down to 0.5 lux (color only)
- PoE or 24 Vac power input
- Web-based user interface for easy setup and configuration
- Compatible with Pelco and 3rd-party video systems
- ONVIF Profile S conformant

Models:

- Sarix IL10 Series indoor mini box cameras
- Sarix IL10 Series indoor micro domes

Sarix delivers outstanding HD image quality

The processing power behind Sarix cameras delivers outstanding HD image quality and high-performance processing power. Designed to install quickly, these cameras include automatic back focus (ABF) control, eight built-in analytics, interchangeable CS-mount lenses for maximum versatility, and other advanced features needed for demanding security applications.

Features:

- Up to 3.1 MPx
- H.264, up to 30 ips at 1080p
- Auto back focus
- Multiple varifocal CS-mount lens options
- 8 built-in analytics
- Local storage (micro SD

Models:

- Sarix IXE20DN
- Sarix IDE20DN
- Sarix IEE20DN

Sarix legacy cameras

Available across a complete family of fixed box and dome cameras, with indoor or outdoor dome models available, Sarix technology maximizes the benefits of megapixel performance with industry-leading features and capabilities.

Spectra HD 1080

Incorporating the award-winning Sarix imaging technology platform, Spectra HD 1080 is an all-digital system that delivers 2.0 MPx resolution (1920x1080 at 30 ips), high-profile H.264 compression, built-in analytics, and much more. Featuring HD-optimized dome bubble technology, a revolutionary solid pendant design to eliminate vibration noise, 20X or 30X optical zoom, and precise 360-degree PTZ control, Spectra HD 1080 is setting the industry standard for HD image quality and video security performance.

Spectra HD family features:

- Ability to control and monitor video over IP networks
- 9 built-in analytics, including auto tracker and adaptive motion detection
- Open IP standards
- ONVIF conformant
- Two simultaneous video streams: dual H.264 and scalable MJPEG
- Supports: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, and more
- USB expansion slots for Pelco alarm and audio accessories

Spectra HD 1080 product features:

- 16:9 aspect ratio, 1920x1080 resolution at 30/25 ips (NTSC/PAL)
- 2.0 MPx, 20X or 30X optical zoom, 12X digital zoom
- 360° continuous pan rotation at 280° per second
- 16 preset tours, 255 dome presets, 32 window blanks
- WDR

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

Esprit SE IP
Integrated and pressurized PTZ systems

Esprit SE IP integrated PTZ camera systems are high-performance remote-positioning systems featuring an integrated camera and lens, PTZ unit, multi-protocol receiver, and Sarix-based H.264 encoder. Designed and built for continuous duty, Esprit SE IP offers dynamic remote-positioning capabilities and is capable of remaining completely operational in 90-mile-per-hour wind conditions.

Features:

- Encoder, receiver, PTZ, and enclosure with integrated optics package (IOP) or pressurized integrated optics cartridge (IOC), NTSC/PAL
- Tilt range of +36° to -85° from horizontal
- H.264, MPEG-4, and MJPEG compression
- Auto tracking
- Internal scheduling clock
- Horizontal zone and window blanking
- On-screen compass and tilt display
- Compatible with Pelco and 3rd-party video systems
- ONVIF 1.02 conformant

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:

- H.264, MPEG-4, and MJPEG compression
- Compatible with Pelco and 3rd-party video systems
- ONVIF 1.02 conformant
- Up to 2 simultaneous video streams
- Electropolished 316L stainless steel construction
- 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)
- Two autofocus, high-resolution integrated optics options
- Password protection

Sarix TI thermal imaging

Enhanced image quality. Easy network integration. Advanced analytics. 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 video management systems
- 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
- Embedded analytics
- Full and reduced frame rate options
- Multiple resolution options, up to 640x480
- Compatible with Pelco and 3rd-party video systems
- ONVIF 1.02 conformant

Pelco IP VMS
Manage your IP cameras with confidence

With multiple platforms to choose from, there's a Pelco video management system (VMS) to meet your unique system requirements. From the flexibility of Digital Sentry™ for mainstream security applications, to the powerful scalability of Endura™ for mission-critical surveillance, to cloud-based video management solutions, Pelco IP VMS options provide a solid foundation from which you can securely and efficiently operate your entire video security landscape.

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 megapixel cameras (DX4700HD/DX4800HD), and storage from 250 GB to 8 TB, these easy-to-use systems are ready to record out of the box.

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.

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.

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, 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

Pelco is your one-stop shop for accessories.

Empowering customers with more options

Pelco is committed to empowering customers with a range of products and integration options that is unmatched in the industry.

Open systems and design

Pelco IP cameras and IP VMS systems are designed to easily integrate with the industry's leading manufacturers, including Genetec® and Milestone. Our IP cameras seamlessly connect to Pelco IP and hybrid systems such as Endura, Digital Sentry, and DX Series hybrid video recorders. Pelco cameras also feature open architecture, conformant with ONVIF 1.02 and Profile S, for connectivity to third-party software. Furthermore, Pelco offers an application programming interface (API) and software developer's kit (SDK) for interfacing with Pelco IP cameras. 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.

ONVIF

Support for ONVIF is a key part of being IP driven. Pelco is a full member of ONVIF, actively participating in multiple ONVIF working groups and committees.

Open and integrated

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

ONVIF

- Data analysis
- POS
- Command and control
- Display
- Manage
- Capture

IP network

PELCO
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PARTNER FIRST
STRATEGIC ALLIANCES
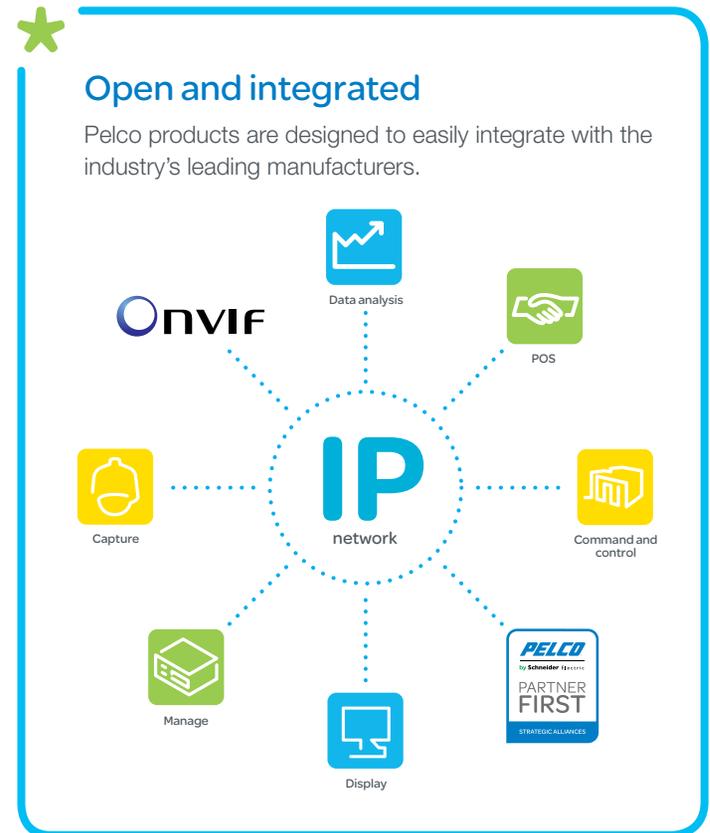
IP driven. Customer focused.

Pelco is a global provider of open and integrated IP video surveillance products and services that enable the capture, management, and display of video data. Our commitment to service, quality products, and our proven experience in the video security industry combine to provide user confidence and business value.

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.
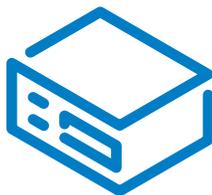
Manage.

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 system overview

> Pelco Press case studies

For more information, please visit www.pelco.com or call (800) 289-9100 (United States and Canada) or +1 (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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