by **Schneider** Electric

Choose Genuine Pelco
IP Video Accessories

Choose with Confidence.

Rely on the industry's widest and most complete selection of IP video accessories.

Pelco IP Video Accessories

Whether you're looking for specialized functionality, enhanced capabilities, or simply added peace of mind, look to Pelco™ by Schneider Electric™ for the industry's widest and most complete selection of camera and IP video accessories. Pelco accessories provide an upgrade for any video surveillance installation. Engineered to the highest standards and tested extensively to assure precise compatibility and optimum performance, all our accessories offer 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 accessories.

New Accessories Include:

Fortified camera enclosure systems

IP-enabled, general purpose enclosures

Infrared (IR) and white light LED illumination

IP fiber optic transmission

EthernetConnect EoC/UTP transmission

PoE (Power over Ethernet) midspan

HD LCD monitors/displays

Portable IP camera installation tool

Choose only **Pelco** accessories.

www.pelco.com/accessories

PELCO by Schneider Electric

Fortified Enclosure Systems

Taking fixed camera systems to a new level of protection from heat, cold, humidity, and challenging power environments, the new Pelco fortified series enclosures are available as fully assembled, tested, and certified camera systems, which include the camera, lens, enclosure, mount, power supply, and optional fiber media converters. For the best in reliability and protection for your video surveillance camera investment, look for the new Pelco series of fortified enclosure systems.

FH-HI Series High Temperature Systems

By making use of a unique new thermoplastic alloy, fortified technology reduces thermal loading by removing internal heat from the enclosure when ambient temperatures go as high as 70 °C (158 °F). All high-temperature-equipped products are thermally stable and 100 percent isolated from external environments that carry dust, salts, moisture, and insects.

FH-LI Series Low Temperature Systems

The low-temperature series' heated interior system protects sensitive cameras from damaging cold temperatures while reducing and eliminating obtrusive external ice buildup in climates down to -60 °C (-75 °F). Unlike traditional "heat patch" enclosures that often fog or ice over at extreme low temperatures, our defrosting circuitry keeps the front window free of elements that would obstruct the camera's view.

FH-MI Series Humid Environment Systems

This camera system option reduces external lens fogging and ensures that the camera's view is not compromised when humidity and temperatures increase. The system uses a twin, high-flow internal blower system to prevent internal heat buildup and to keep internal components within ideal operational temperature and humidity range.

FH-SI Series 12VDC Power Optimized Enclosures

The FH-SI series is engineered to protect cameras and lenses installed within normal environmental conditions, when powered by a 12VDC solar electric system. Most camera systems are not optimized for solar power and cause an extreme load on the solar system. The fortified series of 12VDC compatible systems optimize the camera system for solar powering.

Fortified Series Overview

- Fully integrated enclosures with camera, lens, and available power supplies
- Non-metallic long life, thermoplastic alloy will not corrode, rust, or oxidize
- Impact resistant at all temperatures, for protection from acts of vandalism including rock and object impact
- Integrated wall-mount and full line of optional mounting brackets for virtually any mounting scenario
- Ample internal space for IP media conversion and additional accessories
- Active cooling system
- Choose from 12 VDC, 24 VAC, or 100 VAC to 230 VAC input
- CE, UL, cUL, IK10, IP66

General Purpose Enclosures

Long respected as the industry leader for providing reliable, cost-effective camera enclosures for any installation, Pelco is proud to make available a new lineup of general purpose camera enclosure systems. With convenient IP-centric-available features, such as built-in PoE camera power and megapixel-optimized front windows, these new additions to the Pelco enclosure family will help protect camera investments today and well into the future. Some significant new features include:

EH14 Series

- Choose from 24 VAC and 230 VAC input
- Temperature range from -40 °C to 60 °C (-40 °F to 140 °F)
- Versatile mounting options
- PC polycarbonate construction
- IP66, CE rated
- Very cost-effective

EH16 Series

- Choose from 24 VAC, IEEE802.3at, and/or 230 VAC input
- Choose from 24 VAC, IEEE802.3af camera power
- Megapixel-optimized front window
- Temperature Range from –30 °C to 60 °C (–22 °F to 140 °F)
- Sunshield
- Aluminum die-cast
- IP66, CE, UL, cUL, IK10

Infrared and White Light Illumination

As users move away from the expense, energy consumption, and "light pollution" of traditional exterior and floodlighting approaches to security lighting, individual infrared and white light LED illumination provide excellent, efficient solutions for improved video surveillance performance. These illumination options are perfect for fixed and pan-tilt-zoom (PTZ) camera installations.

For the installer and user alike, these high quality illumination systems offer excellent flexibility including interchangeable lenses for addressing most any wide or narrow illumination application. A very convenient optional remote control makes installation easy by providing controls for light intensity, photocell sensitivity, on/off timer, and other necessary setup functions. To increase megapixel camera performance in low-light situations, and to reduce bandwidth-consuming night scene video noise, choose from a wide range of Pelco IR and white light illumination options, including:

- Covert IR illuminators 30, 60, or 110 meter-range
- Semi-covert IR illuminators 65, 120, or 220 meter-range
- LED white light illuminators 50, 90, 150 meter-range
- Optional remote control
- Five-year warranty

IP Fiber Optic Transmission

Pelco IP fiber optic and Ethernet network products deliver the high-level performance that video surveillance applications demand. By offering very reliable, robust transmission systems, any long-distance transmission challenge can be easily overcome. All converters and switches are designed to meet NEMA® TS 1/TS 2 and Caltrans Traffic Signal Control Equipment Environmental Standards, and are designed for industrial operating environments. Systems make use of customer-installed small form-factor pluggable (FSFP) units (sold separately) for compatibility with a wide range of optical fibers, optical connector types, and optical transmission distances. Refer to Pelco specification sheets for detailed information.

Ethernet Media Converters

For new installations, for converting from an analog to an IP-based system, or simply replacing an older analog camera with an IP camera, our media converters provide the reliability and flexibility needed for maximum system effectiveness. Available in standard and mini configurations, perfect for standard rack, wall, above-ceiling, or within-enclosure installations.

- FMCI-PG Series gigabit Ethernet to optical media converters
  - 10/100/1,000 Mbps Ethernet, optical ports support 1,000 Mbps full-duplex data (FSFP required)
- FMCI-PG1POE Series gigabit Ethernet to optical media converters with PoE injection
- FMCI-PF Series 10/100 Mbps Ethernet to optical media converters
  - 10/100 Mbps Ethernet, optical port supports 100 Mbps full-duplex data, (FSFP required)
- FMCI-PF1POE Series 10/100 Mbps Ethernet to optical media converters with PoE injection
- FMCI-AF1/BF1 Series Ethernet to optical media converters
  - Perfect for adding IP cameras to existing analog fiber installations, the FMCI-AF1/BF1 series offers a single fiber, ST connection in multimode (MM) or single mode (SM), and operates on either 24 VAC, AC/DC, or DC only power

Unmanaged Ethernet Switches

These fast, reliable, unmanaged switches provide for Ethernet transmission over optical fiber—a perfect solution for easy IP camera system extension. And by making use of required FSFP pluggable transceivers, these switches provide maximum connectivity flexibility.

- FUMS-G Series gigabit unmanaged Ethernet switches
  - 10/100/1,000 Mbps Ethernet, optical ports support 1,000 Mbps full-duplex data (FSFP required)
- FUMS-F Series 10/100 Mbps unmanaged Ethernet switches
  - 10/100 Mbps Ethernet, optical port supports 100 Mbps full-duplex data (FSFP required)

FSFP Series Interchangeable Small Form-factor Pluggable Transceivers

Pluggable transceivers offer maximum media system flexibility, allowing users and installers alike to choose from a wide selection of connectivity for most any camera installation configuration. These multi-source agreement (MSA)-compliant FSFP transceivers allow for an optical or copper interface when using a Pelco unmanaged switch or media converter. The interchangeable FSFP transceivers are available for use with unshielded twisted pair (UTP) cable, multimode, or single-mode optical fiber. The optical FSFP Series transceivers are available in fast Ethernet one- and two-fiber versions and gigabit Ethernet one- and two-fiber versions.

Proven reliability.
Choose only genuine Pelco video accessories.

EthernetConnect EoC/UTP Transmission

As video surveillance systems need to expand upon or migrate from analog systems to IP networks, system engineers and installers can benefit from using existing coaxial cable or twisted pair wiring for efficient cost savings. The Pelco EthernetConnect™ series of products offers a wide selection of Ethernet over coax/UTP solutions that allow users and installers to make use of existing coaxial cable and twisted pair copper wire as Ethernet transmission media.

The EthernetConnect Series supports up to 16 channels of 10/100 Mbps Ethernet with PoE+ power injection or pass-through PoE over coax or twisted pair cable (Cat5 or above). Having the ability to connect directly to a PoE+ source (midspan or switch) and to generate PoE+ power with a 48 volt input at either the master or remote end, the EthernetConnect Series provides ultimate flexibility for extending powered or non-powered IP cameras over long-distance copper wire types.

EthernetConnect over Coax/UTP Media Converters Overview:

- High performance solutions to transmit IP video, data, and power over coax or UTP
- Tested compatibility with all Pelco products
- Supports PoE and PoE+ cameras (PD devices)
- Coax and UTP compatible
- Eliminates the need for new cabling in existing installations
- Support for transmission distances of up to 5,000 feet
- Automatically sets fastest possible data rate versus cable quality and transmission distance
- User-configurable master/remote, forward error correction, asymmetrical/symmetrical data, and long-reach/short-reach selection

PoE Midspan Power Systems

Pelco Power over Ethernet midspan systems provide a wide range of power options for IP network cameras, enclosures, PTZ systems, and other edge devices over an Ethernet cabling infrastructure using the IEEE 802.3 industry standard. PoE technology combines the advantages of enhanced security with design flexibility by transmitting data and power over a single Ethernet cable. With indoor and environmental systems, easy plug-and-play technology, and no required power management, users and installers alike can optimize and expand their network security systems with efficiency and cost-effectiveness.

Features:

- Out-of-the-box installation ready, with little to no setup required
- Choose from 1, 4, 8, and 16 ports with full IEEE 802.3 power supplied to device
- Single-port extender transmits power and data an additional 100 meters
- Network ready with SNMP, or manage by the built-in Web GUI for local monitoring or individual/global reset

Full HD Monitors/Displays

With a unique industry understanding, Pelco specifically designs monitors to meet the demands of video surveillance professionals. This includes maximum reliability and power efficiency for around-the-clock usage, and the high quality, highly detailed images necessary for making security decisions. No other monitors keep up with these demands while delivering the latest in display technologies such as long life, low power, and lightweight/slim design like the Pelco LCD monitors.

500 Series Full HD LED backlit LCD Displays

- ENERGY STAR® certified
- 1080p resolution
- Model sizes ranging from 24 inches to 55 inches
- Wide selection of mounts available
- Three-year warranty

400 Series LCD Displays

- 17-inch and 19-inch models available
- 3D digital comb filter
- DVI input
- Picture-in-picture (PIP)

300 Series LCD Displays

- 17-inch and 19-inch models available
- High-resolution display of computer signals and/or composite video
- Automatically adapts to appropriate input resolution (up to 1280 x 1024)

Portable IP Camera Installation Tool

Save time and money with this compact, battery-powered, diagnostic/installation tool that enables installers to complete an IP camera setup their first time up the ladder, without requiring a second person at the control system for verification. The IPCT01 camera installation tool provides flexibility in the field for network video cameras with built-in Power over Ethernet support. It connects directly to a camera to provide power, and displays live video for adjusting camera viewing angles and focus.

Features:

• Simplifies camera settings (field of view and position)
• Local storage of final installation snapshots
• 3.5-inch LCD touch screen with 320 x 240 resolution
• Static IP setting, DHCP
• Works with Pelco Sarix™ Value, Professional, and Enhanced Series cameras
• Optional software upgrade for compatibility with Axis, VIVOTEK, Arecont, Panasonic, Sony, and others
• In-field firmware upgradable

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 video management systems (VMS) 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 development 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.

Data Analysis

POS

Command and Control

IP Network

Capture

Manage

Display

PELCO by Schneider Electric
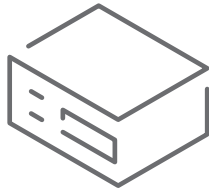PARTNER FIRST
STRATEGIC ALLIANCES

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.

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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 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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