

**PELCO**

## CAMERA OVERVIEW



PROTECTING

PEOPLE AND PROPERTY IN A  
MILLION LOCATIONS WORLDWIDE





THE CHOICE IS CLEAR.  
LOOK TO PELCO FOR ALL YOUR CAMERA NEEDS

PELCO OFFERS A TRULY IMPRESSIVE ARRAY OF CAMERAS AND PROFESSIONAL IMAGING PRODUCTS FOR THE VIDEO SECURITY INDUSTRY. FROM STANDARD-FEATURED COMPACT CAMERAS, TO THE MOST ADVANCED WIDE DYNAMIC RANGE CAMERAS ON THE MARKET, PELCO OFFERS STATE-OF-THE-ART TECHNOLOGIES THAT MEET THE REQUIREMENTS OF THE MOST SIMPLE AS WELL AS THE MOST DEMANDING APPLICATIONS. PELCO CAMERAS INTEGRATE A WIDE RANGE OF LEADING TECHNOLOGIES SUCH AS PELCO SIMD AND SONY SUPERHAD™/EXVIEWHAD™ IMAGERS, EACH WITH POWERFUL FEATURES FOR ADDRESSING REAL-WORLD INSTALLATIONS. MODELS WITH DAY/NIGHT CAPABILITIES AND LOWLIGHT DSS DIGITAL SLOW SHUTTER ARE ALL PART OF THE PELCO CAMERA SERIES. FOR ENHANCED FLEXIBILITY WE OFFER CAMERAS WITH BUILT-IN UNSHIELDED TWISTED PAIR (UTP) TRANSMITTERS, HIGH AND LOW VOLTAGE MODELS, FEEDTHROUGH MOUNT CONNECTIONS, AND UNIQUE CAMERA SET-UP TOOLS.

# A CAMERA FOR EVERY APPLICATION.

## HIGHLIGHTS:

- HIGH- AND STANDARD-RESOLUTION CAMERAS
- COLOR AND MONOCHROME FORMATS
- 50 HZ AND 60 HZ MODELS
- HIGH- AND LOW-VOLTAGE MODELS
- COMPACT CASE DESIGNS
- SONY SUPERHAD™ AND EXVIEW HAD™ TECHNOLOGIES
- DSS LOWLIGHT CAPABILITIES
- DAY/NIGHT CAMERAS
- WIDE DYNAMIC RANGE, SIMD CAMERAS
- BUILT-IN UTP (UNSHIELDED TWISTED PAIR) OUTPUT
- INNOVATIVE FEEDTHROUGH MOUNT SYSTEMS
- UNIQUE CAMERA SETUP TOOLS
- IMAGEPAK

### EXCEPTIONAL WDR CAMERAS

Pelco's newest camera family, the 5100 series featuring SIMD technology, offers unprecedented Wide Dynamic Range capabilities. Combined with UTP output, high- and low-voltage models, and Service Monitor connector, these cameras are the clear choice for extreme backlight conditions.



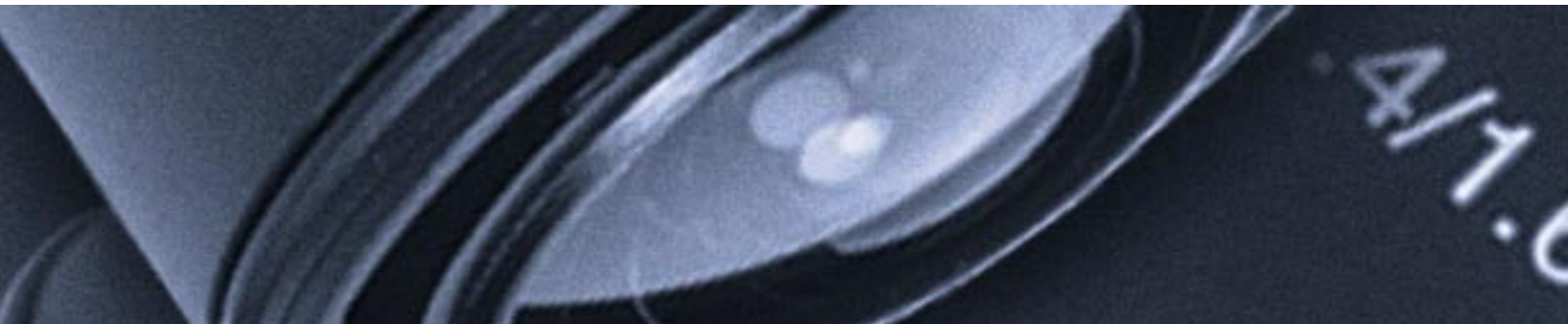
### DAY/NIGHT CAMERAS

This series has been specifically designed for challenging day/night security applications. These cameras automatically switch between Black-White and Color modes as environmental lighting conditions dictate. Combined with a built-in UTP output, high- and low-voltage models, and Service Monitor connector, these cameras offer amazing versatility day or night.



### DSS LOWLIGHT™ CAMERAS

The LowLight extended Digital Slow Shutter (DSS) series of CCD cameras are available in Color and Monochrome formats. The DSS shutter slows down the picture frame rate and increases the camera's light sensitivity, which greatly enhances the low-light performance of these cameras.



#### GENERAL PURPOSE CAMERAS

Pelco offers a comprehensive series of full-featured color, monochrome, high- and low-resolution cameras, perfect for most any application. These cameras are compatible with the PCM150 mount, and feature built-in UTP, Service Monitor connector, and high- and low-voltage models. Cameras with Sony EXviewHAD for enhanced light sensitivity are also available.



#### FULL-FEATURED COMPACT CAMERAS

This camera series combines a full feature set within a very compact package. Perfect for small enclosures and domes, such as the Pelco DF5.



#### ECONOMICAL COMPACT CAMERAS

A complete range of cost-effective compact cameras, providing true color reproduction at a great price. Known for ease of installation, their compact size makes them ideal for small domes and enclosures or in tight corners. When you need clear, sharp pictures that won't break your budget, look to Pelco.



#### INTEGRATED LENS CAMERAS

Pelco's CC1400HZ16 Series camera features an integrated varifocal lens with built-in zoom. This camera interfaces with the Pelco MRD1400HZ16 receiver driver.



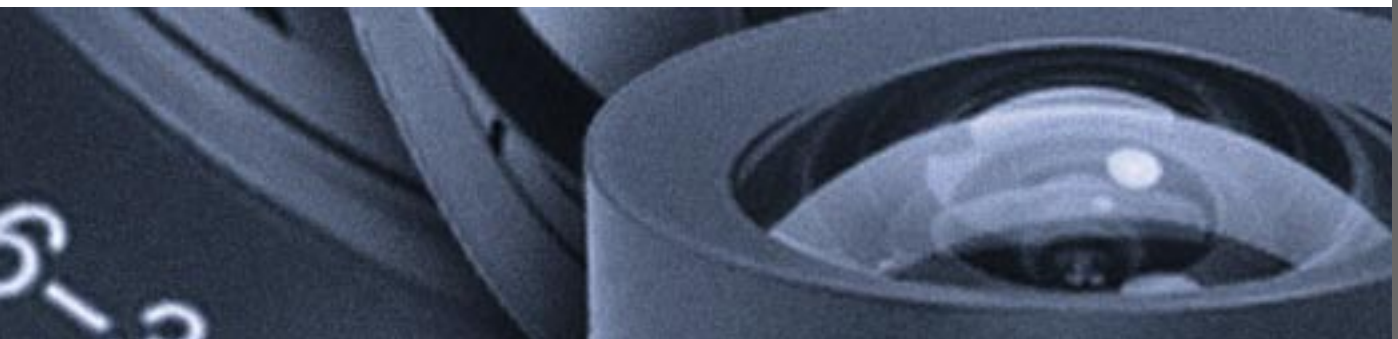
#### A NEW INSTALLATION TWIST

Many Pelco cameras come with UTP (Unshielded Twisted Pair) output as a standard feature. UTP built directly into the camera saves time and money by allowing video to make use of existing CAT5 cable runs. The Pelco PCM150 integrated camera mount offers full feed-through connections for a quick, error-proof installation.



#### CST- CAMERA SET-UP TOOL

Pelco has redefined installation ease by introducing CST – Camera Setup Tool. With CST, installers can plug the battery-powered tool directly into any Pelco camera featuring a Service Monitor connector for easy setup. With the 5100 Series cameras, CST offers instant access to all camera menu functions. The CST150 has an integrated TFT viewer, allowing for even greater fine-focus precision and setup flexibility.



## A DYNAMIC APPROACH TO LIGHTING CHALLENGES

Unfortunately, there's no such thing as an "average" lighting condition. That's why Pelco has taken an above-average approach to the challenge. Whether you need a camera for monitoring scenes that are too dark, too bright, or scenes that are a mix of dark and bright areas, we have a camera solution for you.

### LOWLIGHT DSS TECHNOLOGIES

DSS (Digital Slow Shutter) technology enhances the low-light performance of the camera, producing outstanding images in low-light conditions. DSS slows the picture frame rate and increases the camera's sensitivity in extreme low light conditions. Light sensitivity increases as the number of fields of integration increases. DSS is for extreme low light indoor and outdoor applications such as power plants, dams, and large industrial complexes — anywhere low-light is a problem.



DSS-ENHANCED IMAGE

### DAY/NIGHT CAMERAS

Pelco Day/Night cameras have been specifically designed for challenging day/night video security applications. These cameras switch between Color and Black-White mode as environmental lighting conditions dictate. This switching is performed automatically through a removable IR Cut Filter. Combined with built-in Unshielded Twisted Pair output, Pelco Day/Night cameras offer amazing convenience and versatility, day or night.



### SIMD-BASED IMAGERS

The Single Instruction Multiple Data (SIMD) imager used in this revolutionary new series of Pelco cameras is the first to be designed and optimized specifically for security applications. With powerful Wide Dynamic Range capabilities, these cameras provide an unprecedented ability to solve the most challenging lighting condition of capturing both light and dark objects in the same scene. As light strikes a SIMD imager, the image is converted directly to a digital signal — right at the pixel level. The chip's processor then determines the optimum exposure pixel-by-pixel, essentially acting as more than 388,000 individual cameras. The result is an amazingly natural-looking image, with exceptional wide dynamic range, and extremely accurate color.



## YOUR CLEAR CHOICE FOR CAMERA SYSTEMS

### UNMATCHED LENS OPTIONS

Pelco offers a wide range of varifocal lenses. Lenses are also available with adjustable zoom for a large range of focal lengths. Choose from Manual Iris or DC Drive Auto Iris. Pelco's fixed focal lenses are available with a choice of iris function (Manual Iris, Video Drive Auto Iris, or DC Drive Auto Iris) and a wide range of focal lengths. Pelco zoom lenses are available with either manual or auto iris lens function (choose from Video Drive Auto Iris, Video Drive Auto Iris with presets, DC Drive Auto Iris, or DC Drive Auto Iris with presets).



### POWER WHERE YOU NEED IT

Pelco offers an extensive series of low-voltage Multi-Camera Power Supplies. These Pelco-designed and manufactured power supplies are available in a large variety of configurations and can power up to 16 units from a single power source. Available as indoor or environmental units, fused or with self-resetting circuit breaker options, Pelco Power Supplies can address your camera, positioning system and most any other low voltage power supply needs. Complete UL, cUL, and CE models available, as well as very cost-effective (economy) models. All MCS Series units are packaged in attractive, easy-to-install enclosures for fast, clean installations.



### SAVE TIME & MONEY WITH IMAGEPAK

Take full advantage of Pelco's large selection of imaging products by ordering ImagePak and CameraPak systems. From simply ordering a Pelco camera, lens, and mount as a single part number (CameraPak), to ordering complete enclosure systems with all options included, back-focused, tested and installed (ImagePak), our variety of product offerings can save you time and installation costs. Ask your Pelco representative about ImagePak, CameraPak and DomePak.



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