

# Camclosure 2

Integrated Camera Systems



Introducing the all-new Camclosure 2 Series integrated camera system, only from Pelco. Camclosure 2 delivers unmatched performance and reliability at a remarkably affordable price. With a choice of Color, Day/Night and High-Resolution Wide Dynamic Range CCD cameras built into reliable, easy-to-install dome systems – Camclosure 2 is the cost-effective security camera of choice for analog applications.





# Advancing Analog with the Customer in Mind



Customers will be hard-pressed to find a more innovative analog camera system anywhere. The powerful features and environmental capabilities of the Camclosure 2 family of integrated camera systems bring a top-notch solution to the market that is cost-effective and easy to install and use.

## Introducing the All-New Camclosure 2

Pelco realizes the need for innovative analog video security solutions, and presents the Camclosure 2 series as the answer for any industry. Camclosure 2 is a complete family of integrated camera systems, bringing together all-new cameras, lenses and pixel-based imagers with a well-known offering of Pelco enclosures. At a time when high-quality analog camera support may be hard to find from others, Pelco not only continues to offer world-class customer service, but also offers the most advanced analog technology available. Camclosure 2 is a quick solution that is easy to install and offers excellent performance and form factor options.

## Easy, Fast, Effective

The fully integrated Camclosure 2 system saves time by providing an enclosure and camera built together as one unit for optimum performance and easy installation. There's no assembly required – which means a more convenient, cost-effective installation process. With Wide Dynamic Range, excellent image detail and color reproduction, high-resolution, high-sensitivity image processing, heavy-duty environmental options and a host of other features, Pelco has still found a way to offer Camclosure 2 at an affordable price. Whether it's a school needing indoor/outdoor surveillance for student and teacher safety or a hospital aiming to keep patients, visitors and employees secure, Camclosure 2 offers an ideal blend of performance, price and reliability for any customer need.

## Performance Technology

Simply put, Camclosure 2 is the best that analog video has to offer. The powerful high-resolution imagers available with Camclosure 2 ensure that the cameras capture all the necessary detail, allowing for excellent color images in most any lighting conditions. When the scene is too dark, electronic sensitivity enhancement and the Day/Night feature enhance low-light capability. Adaptive Black Stretch increases the visibility of subjects in dark areas without degrading image quality in bright areas. The Auto Back Focus (ABF) feature in the SD5™ model camera automatically adjusts the CCD position when changing from color to B/W mode for clear, sharp images 24 hours a day, 7 days a week. The high-resolution detection area and advanced motion detection algorithm in select models enables reliable motion detection.



Complete Family of Integrated Camera Systems



Student and Teacher Safety



Clear, Sharp, Color Images



Capturing Necessary Detail



The Color High-Resolution Camclosure 2 model excels for customers needing quality imaging in normal lighting applications. As the lowest priced model, this camera system is a dependable solution on a small investment.

# A Completely New Camclosure Series



The powerful technology allows exceptional image quality in difficult lighting conditions. From retail to industrial applications, to health care, corrections and education environments, Camclosure 2 provides crystal-clear video security for any need.

## Efficient Installation

Time is money. Climbing a ladder, blocking off an aisle or roadway and renting a lift take a lot of time and, in turn, cost end-users a lot of money. So does calling back and forth to the monitoring station trying to figure out whether the camera is in focus. The one-push Auto Back Focus (ABF) feature in select Camclosure 2 cameras gets rid of that frustration. Just climb the ladder, mount the camera, point it toward the scene and push the ABF button – and installation is done. There's no guess-and-check and no time wasted manually focusing the camera when other jobs are waiting to be done. Just fast, easy installation.



Fast, Easy Installation

## Reliable Image Quality

The Auto Back Focus button in the SD5 model ensures the Camclosure 2 captures a crystal-clear image from the moment it's installed. It's automatic and reliable. Just push the ABF button once and the camera stays in focus. The series features a three-axis camera and lens positioning system that is capable of a wide variety of fixed pan and tilt angles to ensure the best possible view from any vantage point. As is the case with any product backed by Pelco, failure is never a concern.



Best View from Any Vantage Point

## The Pelco Promise

Camclosure 2 systems are backed by the most comprehensive customer support in the video security industry. Committed to delivering support second to none, Pelco has established an impressive array of customer service programs to complement its industry-leading products and solutions. From guaranteed ship dates, to local service centers, to the Pelco Global Training Institute, Pelco is committed to its customers. Users are never on their own with Pelco's network of product support professionals, global field trainers and industry experts available to assist 24 hours a day, seven days a week.



Customer Support 24/7

## Innovation Continues

Though the Camclosure 2 series is already the most advanced analog option on the market, Pelco continues to push forward and offer even more. Watch for Camclosure 2 to advance mounting plates to a new level in the future, including the development of a corner mount.



Additional Mounting Options



# Three Unique Camera Options



The Camclosure 2 series delivers the performance and reliability that will exceed expectations for a fixed dome, integrated camera system. Each of the three camera options are tiered with additional features, while all are competitively priced and provide a clear, reliable image to fit most any application.

## Super Dynamic 5 (SD5)<sup>™</sup> Day/Night High-Resolution

The Super Dynamic 5 (SD5)<sup>™</sup> Day/Night Wide Dynamic Range color camera (650 TV lines) provides the highest resolution of any analog fixed dome. Powered by SD5 technology, this camera provides excellent image quality, high sensitivity, motion detection and Adaptive Black Stretch (ABS). With Auto Iris, a 3.8mm to 8mm Varifocal Lens and Auto Back Focus (ABF), this camera is the do-it-all system of the Camclosure 2 family. Whether in banking, retail, traffic or any application, combining so many features with such affordability offers a great return on investment for environments with the most challenging lighting conditions.



Super Dynamic 5 (SD5) Day/Night High-Resolution Model

## Day/Night High-Resolution

This day/night color camera (540 TV lines) with Auto Iris and 2.8mm to 10mm Varifocal Lens is perfect for environments that require monochrome images at night and color images during the day. For applications that aren't in extremely difficult lighting, but still need day/night capability on a budget, the quality of this camera will deliver desirable results.



Day/Night High-Resolution Model

## Color High-Resolution

With 540 TV lines color, Auto Iris and a 2.8mm Varifocal Lens, this is a powerful, general-purpose camera with excellent image quality. As the lowest priced of the three options, this camera excels in normal, daytime lighting applications. For customers needing a dependable, high-quality video security system on a small investment, this camera provides the best economic value. It offers optimum performance in hallways, meeting rooms, banks (indoor) and other well-lit indoor applications.



Color High-Resolution Model

## Compatible with Supporting Pelco Products

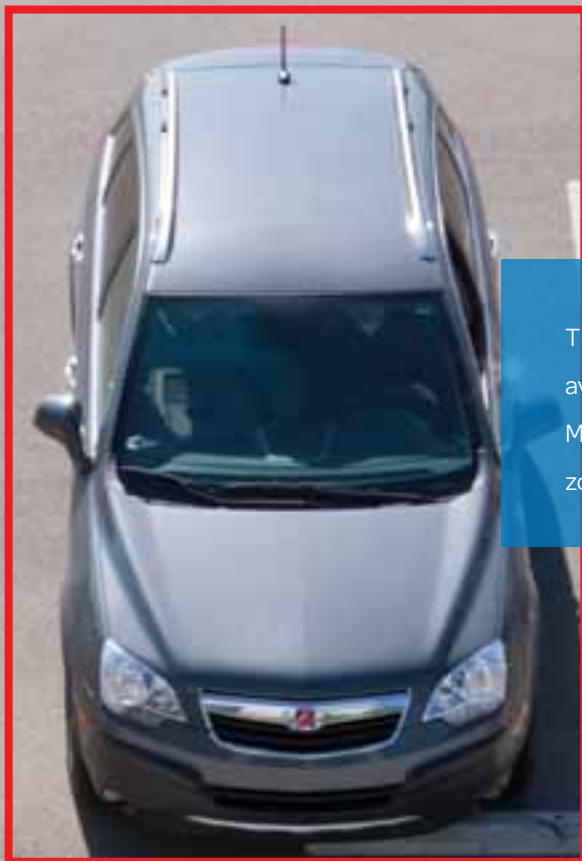
Compatibility is not an issue with the Camclosure 2 family of cameras. A full line of powerful Pelco matrix systems, multiplexers and displays are available, and any Pelco recording device is compatible with Camclosure 2, allowing customers the convenience of a full video security package with all Pelco components and backed by the Pelco promise of fanatical customer service and engineering innovation. Whether it's the DX Series of DVRs and HVRs, the Digital Sentry video management system or the complete Endura solution – Pelco will deliver a compatible, trustworthy system for Camclosure 2 customers with performance, price and reliability assured.



Compatible Pelco Recording Devices, Displays

Indoor or outdoor, day or night, Camclosure 2 systems have been embraced by banks, supermarkets, mass transit, fast food and school facilities, where the small size, vandal resistance and durable all-weather technology are a perfect fit.





The high-resolution detection area and advanced algorithm available in Camclosure 2 enables accurate and reliable video Motion Detection. If an object is detected moving in a defined zone, a red border appears around the display to notify security.





# Technology Providing Powerful, Cost-Effective Performance



Pelco innovation has led to the most advanced family of analog video security solutions available – Camclosure 2. The formula of performance, price and reliability blends into a small mini dome that packs the punch of many high-tech features, offering customers the solution to their analog surveillance needs.

## Superior Wide Dynamic Range Performance

With light sensitivity of up to 0.3 lux, available Camclosure 2 units allow for color images even in poor lighting situations. And with WDR performance, Day/Night capabilities and excellent sensitivity, Camclosure 2 with SD5 technology provides video performance perfect for even the most challenging of lighting conditions. SD5 allows the camera to “see” what a normal analog camera might lose in the shadows. It’s the type of technology that could make the difference in keeping employees, visitors and property safe and secure.



Conventional



Super Dynamic 5

## Auto Back Focus

This powerful feature greatly contributes to the performance, reliability and cost-effectiveness of the Camclosure 2 system. The ability to automatically focus the camera eliminates the need to repeatedly block off work areas, rent lifts, climb ladders and play guess-and-check just to get one camera in focus. In addition, the one-push Auto Back Focus feature available in the SD5 model greatly reduces installation time. The one-push Auto Back Focus (ABF) feature automatically adjusts the CCD position when changing from color to B/W mode, optimizing the back focus required for clear, sharp images from the moment it’s installed.



Automatic Focus with One-Push Button

## High-Resolution Imagers

The powerful high-resolution imagers available with Camclosure 2 (up to 650 TV lines typical color mode; up to 700 TV lines B/W mode) ensure the cameras capture the detailed information necessary. The SD5 model offers the highest resolution of any analog fixed dome camera.



Conventional



Super Dynamic 5

## Adaptive Black Stretch

Adaptive Black Stretch (ABS) increases the visibility of subjects in dark areas without degrading image quality in bright areas. In other words, ABS allows security professionals to see details they otherwise wouldn’t be able to see. ABS automatically analyzes the illumination of the scene and adjusts the gamma correction for each area separately. For example, there might be a van slightly visible in a poorly lit area. Adaptive Black Stretch can help the scene appear clearer, and help security professionals get the details they need to monitor the scene without blind spots.



Before Correction



After Correction

# Camclosure 2: Indoor/Outdoor Solutions



With Camclosure 2, customers will find the right camera/lens/mount combination to choose from. Installers and end-users alike can piece together the right combination to serve any business need. Indoor or outdoor? Normal lighting or poor lighting? Smoked dome or clear? Pelco offers the dependable solution.

## Finding the Right Fit

Both indoor and outdoor Camclosure 2 systems are compatible with either clear or smoked bubbles. The smoked bubble allows for privacy as passersby cannot tell where the camera lens is pointed. There is very minimal light lost with this option. Mounting choices include surface (attached to ceiling or wall) or flush (recessed in ceiling or wall), making for a cohesive design that doesn't interrupt the aesthetic appeal of existing architecture.



Watching Customers and Employees

## Tough, Rugged Reliability

Pelco understands the need for a security system that withstands the elements and cannot be easily damaged by vandals or other mischievous people. Camclosure 2 outdoor camera systems are housed in vandal-resistant enclosures, protecting the customer's investment. The technology is built to provide quality images both day and night, and a temperature control system allows cameras to operate at extreme temperatures – from minus-22 degrees to 122 degrees Fahrenheit.



Reliable in Most Any Environment

## Camera Options to Find the Right Solution

Camera Type	Mount Type	Bubble	Lens	NTSC (Indoor)	PAL (Indoor)	NTSC (Outdoor)	PAL (Outdoor)
<b>Super</b>	Surface	Clear	2X VARIFOCAL	IS21-DWSV8S	IS21-DWSV8SX	IS51-DWSV8S	IS51-DWSV8SX
<b>Dynamic 5 (SD5)<sup>™</sup> Day/Night Wide Dynamic Range</b>	Flush	Smoke	2X VARIFOCAL	IS20-DWSV8S	IS20-DWSV8SX	IS50-DWSV8S	IS50-DWSV8SX
		Clear	2X VARIFOCAL	IS21-DWSV8F	IS21-DWSV8FX	IS51-DWSV8F	IS51-DWSV8FX
		Smoke	2X VARIFOCAL	IS20-DWSV8F	IS20-DWSV8FX	IS50-DWSV8F	IS50-DWSV8FX
<b>Day/Night</b>	Surface	Clear	3.6X VARIFOCAL	IS21-DNV10S	IS21-DNV10SX	IS51-DNV10S	IS51-DNV10SX
		Smoke	3.6X VARIFOCAL	IS20-DNV10S	IS20-DNV10SX	IS50-DNV10S	IS50-DNV10SX
	Flush	Clear	3.6X VARIFOCAL	IS21-DNV10F	IS21-DNV10FX	IS51-DNV10F	IS51-DNV10FX
		Smoke	3.6X VARIFOCAL	IS20-DNV10F	IS20-DNV10FX	IS50-DNV10F	IS50-DNV10FX
<b>Color</b>	Surface	Clear	3.6X VARIFOCAL	IS21-CHV10S	IS21-CHV10SX	IS51-CHV10S	IS51-CHV10SX
		Smoke	3.6X VARIFOCAL	IS20-CHV10S	IS20-CHV10SX	IS50-CHV10S	IS50-CHV10SX
	Flush	Clear	3.6X VARIFOCAL	IS21-CHV10F	IS21-CHV10FX	IS51-CHV10F	IS51-CHV10FX
		Smoke	3.6X VARIFOCAL	IS20-CHV10F	IS20-CHV10FX	IS50-CHV10F	IS50-CHV10FX

## Need More Information?

For additional 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 by Schneider Electric office in your area.





## Performance Features

- Excellent Image Detail and Color Reproduction
- High-Resolution, High-Sensitivity Image Processing
- 24 VAC or 12 VDC Operation, Autosensing
- Manual, 3-Axis (Pan/Tilt/Rotation) Positioning Allows Adjustment for Optimum Camera Rotation and Placement
- Service Connector for Video Output
- Available in Surface or Flush Mount Models with Smoked or Clear Domes
- Varifocal Lens

## Environmental Features

- Heavy-Duty Outdoor Enclosure with Camera and Lens
- Built-in Heater for Outdoor Environments (not available with 12 VDC)











Cameras Integrate with Sleek Design



Camclosure 2 Withstands Most Outdoor Conditions

## Mounts and Accessories to Customize Any Need

PRODUCT	MODEL	DESCRIPTION	PRODUCT	MODEL	DESCRIPTION
	IS20-P	<ul style="list-style-type: none"> <li>• Pendant mount for IS20-CH and IS20-DN Series cameras</li> <li>• Indoor use</li> <li>• Color-matched ABS plastic construction</li> </ul>		IS20DWS-WM	<ul style="list-style-type: none"> <li>• Integrated wall mount for IS20-DWS Series cameras</li> <li>• Indoor use</li> <li>• Internal cable pass for a neat installation</li> <li>• Junction box adapter included</li> </ul>
	IS20DWS-P	<ul style="list-style-type: none"> <li>• Pendant mount for IS20-DWS Series cameras</li> <li>• Indoor use</li> <li>• Color-matched ABS plastic construction</li> </ul>		IS20-FK	<ul style="list-style-type: none"> <li>• Adapts IS20-CH and IS20-DN Series surface mount cameras for flush (in-ceiling) application</li> <li>• Indoor use</li> <li>• Easy to install</li> <li>• Color-matched trim ring included</li> </ul>
	IS50-P	<ul style="list-style-type: none"> <li>• Pendant mount for all IS50 Series cameras</li> <li>• Rugged/outdoor use</li> <li>• Durable all-aluminum construction</li> </ul>		IS20DWS-FK	<ul style="list-style-type: none"> <li>• Adapts IS20-DWS Series surface mount cameras for flush (in-ceiling) application</li> <li>• Indoor use</li> <li>• Easy to install</li> <li>• Color-matched trim ring included</li> </ul>
	IS20-WM	<ul style="list-style-type: none"> <li>• Integrated wall mount for IS20-CH and IS20-DN Series cameras</li> <li>• Indoor use</li> <li>• Internal cable pass for a neat installation</li> <li>• Junction box adapter included</li> </ul>		IS50-FK	<ul style="list-style-type: none"> <li>• Adapts all IS50 Series surface mount cameras for flush (in-ceiling) application</li> <li>• Indoor use or weather-protected outdoor use</li> <li>• Easy to install</li> <li>• Color-matched trim ring included</li> </ul>



*The recognized worldwide leader in video and security systems, Pelco by Schneider Electric boasts the most comprehensive array of products, services and expertise available in today's marketplace. And now as a member of the Schneider Electric family, Pelco brings a network of assets backed by the strength of a Fortune 500 company to help you define and achieve your business objectives.*

[www.pelco.com](http://www.pelco.com)

Pelco, Inc. Worldwide Headquarters 3500 Pelco Way Clovis, California 93612 USA  
(800) 289-9100 (800) 289-9150 Fax +1 (559) 292-1981 International +1 (559) 348-1120 International Fax

Worldwide Locations: Australia Brazil Canada China Colombia Czech Republic Finland France Germany Italy Japan  
Korea Macau Mexico The Netherlands Panama Poland Puerto Rico Russia Singapore Slovakia South Africa Spain  
Sweden Taiwan United Arab Emirates United Kingdom United States Venezuela

Features and specifications subject to change without notice. ©Copyright 2011, Pelco, Inc. All rights reserved.

Super Dynamic Five™ and SD5™ are registered trademarks of Panasonic Corporation.

C5059-B - 2/11