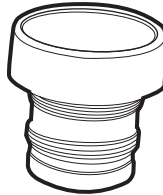




Installation/Operation

Camclosure® Lens Packs

C1971M-D (1/03)



DESCRIPTION

The lens packs for Pelco's ICS090, ICS100, ICS150, ICS200, and ICS300 Series Camclosure® integrated camera systems contain an interchangeable lens mount(s) and lens(es). All lenses are fixed focal length, ranging from 2.9 mm to 12 mm.

NOTE: Do not replace varifocal lenses. Only Camclosure integrated camera systems with fixed focal length lenses have an interchangeable lens mount and lens. If your unit has a varifocal lens, do not remove the mount or lens.

Models

13FF3D	One 2.9 mm lens and mount
13FF3.6D	One 3.6 mm lens and mount
13FF6D	One 6 mm lens and mount
13FF8D	One 8 mm lens and mount
13FF12D	One 12 mm lens and mount
13FF3D-4PAK	Package of four 2.9 mm lenses and mounts
13FF3.6D-4PAK	Package of four 3.6 mm lenses and mounts
13FF6D-4PAK	Package of four 6 mm lenses and mounts
13FF8D-4PAK	Package of four 8 mm lenses and mounts
13FF12D-4PAK	Package of four 12 mm lenses and mounts
13FFD-V5PAK	Variety package of five lenses, one each 2.9 mm, 3.6 mm, 6 mm, 8 mm, 12 mm, and mounts

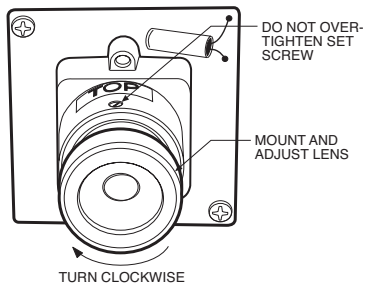
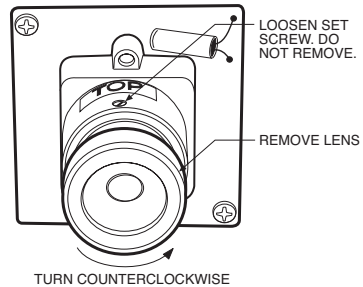
INSTALLATION

Remove the camera module from the base of the enclosure. After replacing and adjusting the lens, reinstall the camera module.

Monochrome Camera

The lens mount installed on the monochrome camera is fixed; **DO NOT REMOVE**. To replace the lens do the following:

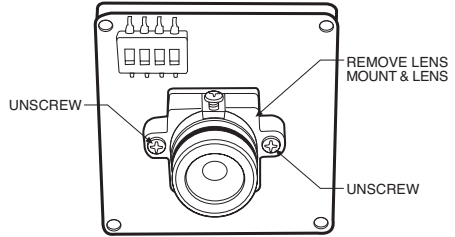
1. Remove the lens from the camera mount.
 - a. Loosen the set screw located on the lens mount. Back out the set screw until it clears the threads of the lens. Do not completely remove set screw.
 - b. Unscrew the lens by turning it counterclockwise.
2. Mount the replacement lens by carefully threading it clockwise onto the lens mount.
3. Remove the dust cover from the lens.
4. Lens Adjustment – Turn the lens clockwise/ counterclockwise until the picture on the monitor is in focus. Carefully tighten the set screw. **Do not over-tighten.**



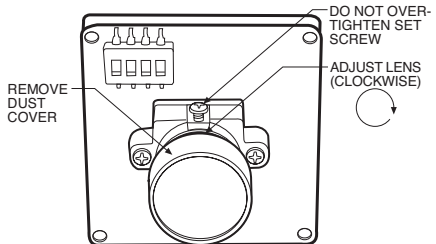
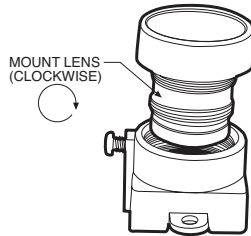
Color Camera

When replacing a lens on a color camera, change the lens mount and lens.

1. Unscrew the two Phillips screws on the sides of the lens mount. Do not discard the screws as you will need them to secure the new mount. Lift and remove the lens mount and lens.
2. The new lens mount and lens are shipped unassembled. Mount the lens onto the lens mount by carefully threading it clockwise.
3. Install the new lens mount assembly. Secure it with the two Phillips screws previously removed in step 1.



4. Remove the dust cover from the lens.
5. Lens Adjustment – Turn the lens clockwise/counterclockwise until the picture on the monitor is in focus. Carefully tighten the set screw. **Do not over-tighten.**

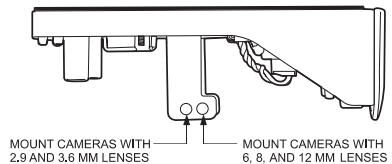


Camera Installation (ICS200 and ICS300 Series Only)

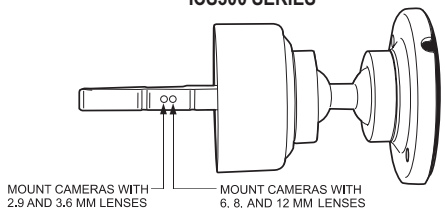
To prevent damage to the camera or lens of an ICS200 or ICS300 Series Camclosure integrated camera system, the camera must be installed in the proper hole of the mounting bracket. If the camera is not installed in the correct hole, the window of the enclosure may be forced against the lens.

Refer to the illustrations for which mounting hole to use to install the camera.

ICS200 SERIES



ICS300 SERIES



SPECIFICATIONS

Focal Length	2.9 mm	3.6 mm	6 mm	8 mm	12 mm
Format Size	1/3-inch	1/3-inch	1/3-inch	1/3-inch	1/3-inch
Relative Aperture (F)	2.0	2.0	1.8	2.5	2.5
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Horizontal Angle of View	90°	74°	42°	32°	21°

PRODUCT WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA
Phone: 650-737-1700
Fax: 650-737-0933

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REVISION HISTORY

Manual #	Date	Comments
C1971M	3/00	Original version.
C1971M-A	4/00	Revised specifications.
C1971M-B	7/00	Revised manual to include all series of Camclosure integrated camera systems. Revised specifications.
C1971M-C	3/02	Added 3.6 mm lens.
C1971M-D	1/03	Added camera installation instructions for ICS200 and ICS300 Series.