PELCO

by Schneider Electric

SWM Series
Wall Mount

C293M-D (10/10)

Contents

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Only use attachments/accessories specified by the manufacturer.
6. Installation should be done only by qualified personnel and conform to all local codes.
7. Use only installation methods and materials capable of supporting four times the maximum specified load.
8. Only use replacement parts recommended by Pelco.
9. Use stainless steel hardware to fasten the mount to outdoor surfaces.
10. To prevent damage from water leakage when installing a mount outdoors on a roof or wall, apply sealant around the bolt holes between the mount and mounting surface.

Description

The SWM Series indoor/outdoor wall mounts are designed primarily for use with Pelco pendant domes including Spectra®, DF5, DF8, and Sarix™ ID and IE Series. They can also be used with other pendant domes that require a 1.5-inch NPT pipe thread for installation. The mount features cable feedthrough that conceals electrical wiring in the pendant component. The sun shield used for outdoor versions of the pendant component (where available) is readily accepted by the mount. Anti-seize lubricant is supplied for application to the pipe threads, and a gasket is affixed to the base to protect the interior from moisture.

The mount can be attached to any vertical load-bearing surface or to either an SWM-PA Series pole adapter or an SWM-CA Series corner mount adapter by means of a mounting cleat.

The wall mount and adapters are constructed of aluminum with a polyester powder coat finish. The wall mount is available in gray, light gray, black, or white. The pole adapter is available in gray, black, or white. The corner adapter is available in gray or white.

For Sarix installations, the SWM Series wall mounts require a Sarix pendant mount adapter: the ID-P is required for Sarix ID Series domes and the IE-P is required for Sarix IE Series domes.

MODELS

SWM-GY   Wall mount with cable feedthrough; gray finish
SWM-BK   Same as SWM-GY except black finish
SWM-SR   Same as SWM-GY except light gray finish
SWM-WT   Same as SWM-GY except white finish

PARTS LIST

Qty	Description
1	Wall mount
1	Mounting cleat
1	Adjustment plate
1	10-24 x 0.625-inch (1.59 cm) set screw (attached)
1	Anti-seize lubricant

The following parts are needed but not supplied:

Qty	Description
2	Mounting fasteners, up to 0.25-inch (M6) diameter, appropriate length for attaching the mounting cleat to the wall or adjustment plate
2	Mounting fasteners, up to 0.25-inch (M6) diameter, appropriate length for attaching the adjustment plate to an electrical box
1	Pendant component (dome, back box, adapter)

Installation

The SWM can be mounted directly onto a wall, onto a single gang electrical box, or onto the corner of a building or a pole using an adapter. Refer to the SWM-PA Series Pole Adapter Installation manual for pole mounting instructions. Refer to the SWM-CA Series Corner Mount Adapter Installation manual for corner mounting instructions.

WALL MOUNTING

To install the SWM Series wall mount directly onto a wall (refer to Figure 1 on page 6):

1. Determine the location where the mount is to be installed.

2. Use the adjustment plate as a template to drill holes into the mounting surface. If the adjustment plate is not required for shimming, it can be discarded after the mounting holes are drilled.

3. Pull the electrical cables from the cable hole in the mounting surface through the cable holes in the adjustment plate (if required), and then pull them through the mounting cleat.

4. Position the cleat so the elongated mounting fastener hole is below the cable entry hole and the embossed arrow is pointing up.

5. Fasten the adjustment plate (if used) and mounting cleat securely to the mounting surface with two 0.25-inch (M6) diameter fasteners of appropriate length (not supplied). If necessary, before tightening the two fasteners, insert shims between the adjustment plate and the mounting surface to create a perpendicular surface on which to attach the wall mount. The lower hole in the mounting cleat is elongated, which allows for vertical alignment adjustment.

6. Pull the electrical cables through the mount.

7. Hook the mount onto the top of the mounting cleat, and position the mount flush against the mounting surface. If necessary, loosen the set screw in the bottom of the mount to make sure the mount is flush against the mounting surface.

8. Tighten the set screw in the bottom of the mount only until the mount is snug against the surface. *Do not overtighten.*

9. Attach the pendant component (dome, back box, or adapter) to the mount:
   a. Pull the electrical cables from the mount into the component.
   b. Apply anti-seize lubricant (supplied) to the component pipe threads.
   c. Screw the component onto the mount.
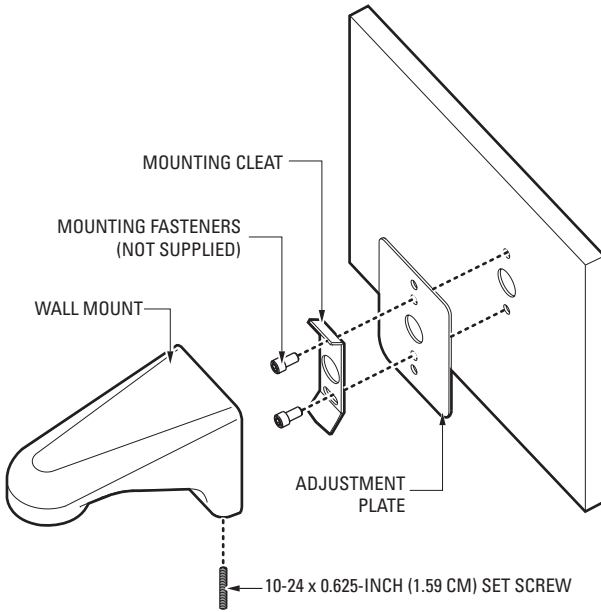   d. Complete the installation using the instructions in the component manual.

Figure 1. Installing the SWM Series Wall Mount onto a Wall

ELECTRICAL BOX MOUNTING

To install the SWM Series wall mount onto a single gang electrical box (refer to Figure 2 on page 8):

1. Thread the two inner mounting holes on the adjustment plate to be used with threaded mounting fasteners (not supplied).

2. Pull the electrical cables from the gang box through the cable hole in the adjustment plate.

3. Fasten the adjustment plate to the mounting surface with two 0.25-inch (M6) diameter fasteners of appropriate length (not supplied).

4. Pull the electrical cables from the gang box through the cable hole in the mounting cleat.

5. Position the cleat so the elongated mounting fastener hole is below the cable entry hole and the embossed arrow is pointing up.

6. Fasten the mounting cleat to the adjustment plate with two threaded 0.25-inch (M6) diameter fasteners of appropriate length (not supplied).

7. Pull the electrical cables through the mount.

8. Hook the mount onto the top of the mounting cleat, and position the mount flush against the mounting surface. If necessary, loosen the set screw in the bottom of the mount to make sure the mount is flush against the mounting surface.

9. Tighten the set screw in the bottom of the mount only until the mount is snug against the surface. *Do not overtighten.*

10. Attach the pendant component (dome, back box, or adapter) to the mount:
   a. Pull the electrical cables from the mount into the component.
   b. Apply anti-seize lubricant (supplied) to the component pipe threads.
   c. Screw the component onto the mount.
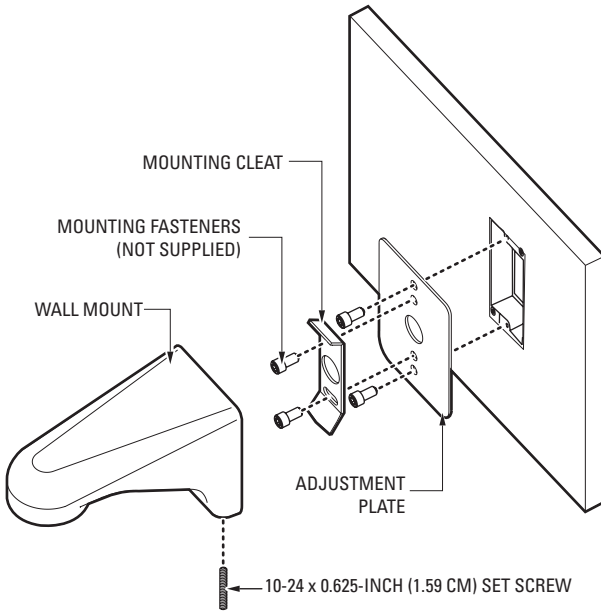   d. Complete the installation using the instructions in the component manual.

Figure 2. Installing the SWM Series Wall Mount onto an Electrical Box
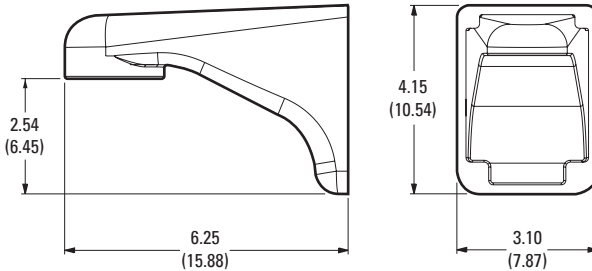
Specifications

MECHANICAL

Construction	Cast aluminum

Finish
SWM-GY	Light gray polyester powder coat
SWM-BK	Black polyester powder coat
SWM-SR	Light gray polyester powder coat
SWM-WT	White polyester powder coat

Mount Method	Mount is secured by a set screw to a mounting cleat that is attached to a surface with two fasteners (not supplied). A gasket is affixed to the base to protect the interior from moisture. An adjustment plate is provided to allow the wall mount to be shimmed when the mounting surface is not plumb. The lower hole in the mounting cleat is elongated, which allows for vertical alignment adjustment.
Dome Mounting	1.5-inch NPT pipe thread in mount tip. Anti-seize lubricant is supplied for application to the pipe threads.
Cable Entry	One cable feedthrough hole in the mounting cleat. Cable feeds through the mount into the pendant component.
Maximum Load	10 lb (4.5 kg)

GENERAL

Environment	Indoor/outdoor
Dimensions	6.25" D x 3.10" W x 4.15" H (15.88 x 7.87 x 10.54 cm)
Unit Weight	1.1 lb (0.50 kg)

2.54 (6.45)

6.25 (15.88)

4.15 (10.54)

3.10 (7.87)

NOTE: VALUES IN PARENTHESIS ARE CENTIMETERS; ALL OTHERS ARE INCHES.

⊠Green   The materials used in the manufacture of this document and its components are compliant to the requirements of Directive 2002/95/EC.

REVISION HISTORY

Manual #	Date	Comments
C293M	11/98	Original version.
C293M-A	12/07	Updated to new format. Revised Figure 1 to include additional holes in adjustment plate.
C293M-B	1/09	Reformatted manual to smaller size.
C293M-C	12/09	Added SWM-WT model.
C293M-D	10/10	Added SWM-SR model information and updated the warranty.

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:
  - Fiber optic products
  - Unshielded Twisted Pair (UTP) transmission products
  - CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models
- Three years:
  - Pelco-designed fixed network cameras and network dome cameras with Sarix™ technology.
  - Pelco-branded fixed camera models (CCC1390H Series, C10DN Series, C10CH Series, and IP3701H Series)
  - EH1500 Series enclosures
  - Spectra® IV products (including Spectra IV IP)
  - Camclosure® Series (IS, ICS, IP) integrated camera systems
  - DX Series digital video recorders (except DX9000 Series which is covered for a period of one year), DVR5100 Series digital video recorders, Digital Sentry® Series hardware products, DVX digital video recorders, and NVR300 Series network video recorders
  - Endura® Series distributed network-based video products
  - Genex® Series products (multiplexers, server, and keyboard)
  - PMCL200/300/400 Series LCD monitors
  - PMCL5xx Series FHD monitors
- Two years:
  - Standard varifocal, fixed focal, and motorized zoom lenses.
  - DF5/DF8 Series fixed dome products
  - Legacy® Series integrated positioning systems
  - Spectra III™, Spectra Mini, Spectra Mini IP, Esprit®, ExSite®, and PS20 scanners, including when used in continuous motion applications.
  - Esprit Ti and TI2500 Series thermal imaging products
  - Esprit and WW5700 Series window wiper (excluding wiper blades).
  - CM6700/CM6800/CM9700 Series matrix
  - Digital Light Processing (DLP®) displays (except lamp and color wheel). The lamp and color wheel will be covered for a period of 90 days. The air filter is not covered under warranty.
  - Intelli-M® eIDC controllers
- One year:
  - Video cassette recorders (VCRs), except video heads. Video heads will be covered for a period of six months.
- Six months:
  - All pan and tilts, scanners, or preset lenses used in continuous motion applications (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 a Pelco designated location. 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 that 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

To expedite parts returned for repair or credit, please call Pelco 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) and designated return location.

All merchandise returned for credit may be subject to a 20 percent 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.

2-10-10

PELCO

by **Schneider** Electric

www.pelco.com