by Schneider Electric

IM-WMWT/IM-WMBL Wall Mount Adapter

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.

Description

The IM-WMWT and IM-WMBL are indoor wall mount adapters designed for use with the IM Series indoor network dome camera. The wall mount adapters offer full feedthrough connections for a clean installation with no exposed wires.

MODELS

IM-WMWT	Indoor white wall mount adapter
IM-WMBL	Indoor black wall mount adapter

PARTS LIST

Qty	Description
1	IM-WMWT or IM-WMBL wall mount adapter
1	Mounting Bracket
3	Screws, M4 x 16 mm, Phillips pan head
1	Installation manual

Installation tools, mounting hardware, and the following parts are required but not supplied:

| Qty	Description
1	IM Series network dome camera
1	IX-SC service cable

Installation

1. Attach the mounting bracket to the mounting surface with two fasteners of appropriate length (fasteners not supplied).

2. Pull all wiring through the mounting bracket and wall mount adapter and terminate all wires (if not already terminated).

3. Attach the IM-WMWT or IM-WMBL wall mount adapter to the mounting bracket (refer to Figure 1).

   a. Align the top bracket cleats with the wall mount adapter cleats.

   b. Align the bottom of the wall mount adapter with the bracket lip.
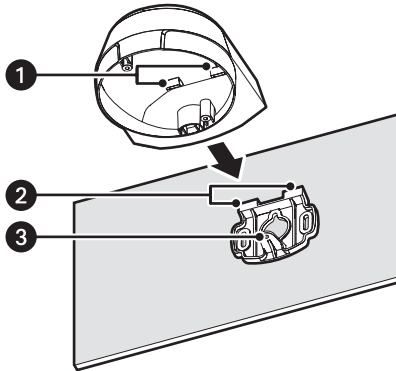
Figure 1. Installing the Wall Mount Adapter onto the Mounting Bracket

❶ Wall Mount Adapter Cleats

❷ Bracket Cleats

❸ Bracket Lip

4. Secure the wall mount adapter to the bracket with one M4 x 16 mm Phillips pan head screw (supplied).
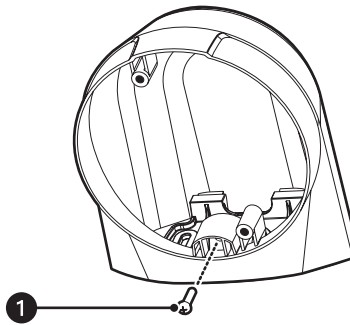
Figure 2. Securing the Wall Mount Adapter to the Bracket

❶ M4 x 16 mm Phillips Pan Head Screw

5. Prepare the IM Series network dome camera:
   a. Remove the surface mount ring from the back box of the dome camera.
   b. Turn the lower dome 45 degrees, and then remove the lower dome from the back box.
   c. Remove the dome liner from the back box.
6. Connect the wiring to the back box (refer to *Wiring* on page 8).

7. Install the back box into the wall mount adapter:
    a. Align the back box screw holes with the two mounting screw holes on the wall mount adapter.
    b. Slide the back box into the wall mount adapter.
    c. Insert the two M4 x 16 mm Phillips pan head screws (supplied) through the holes in the back box.
   d. Tighten the screws completely to secure the back box to the wall mount adapter.
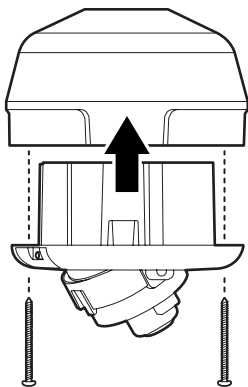
Figure 3. Installing the Back Box

8. Apply power to the camera. The camera will complete a configuration sequence: the green LED flashes five times per second for approximately two minutes and then turns solid after the sequence is complete.

NOTE: If the camera is not connected to a Dynamic Host Configuration Protocol (DHCP) server and DHCP is enabled, the configuration sequence might take up to five minutes to complete.

9. Install the dome liner:
   a. Insert the dome liner tabs into the slots in the camera module.
   b. Press the dome liner until you hear it snap into place.
10. Install the lower dome:
    a. Align the lower dome with the camera.
    b. Press the lower dome into place against the trim ring.
    c. Turn the lower dome 45 degrees to conceal the service port, reset button, and NTSC/PAL button.
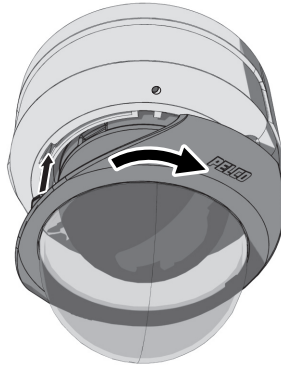
Figure 4. Installing the Lower Dome

11. To complete the installation, refer to the IM Series Installation/Operation manual.
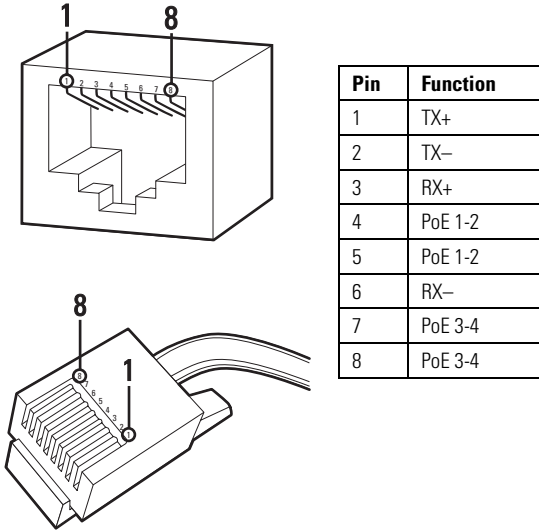
WIRING

CAT5 CABLE

Connect a Cat5 cable to the RJ-45 network port. The 8-pin connector includes video and Power over Ethernet (PoE) for the camera. PoE (IEEE 802.3af) injects power over the same cabling that carries the network data, eliminating the need for a separate power supply. This simplifies the installation and operation of the camera without affecting network performance.

NOTE: The camera will autosense and configure itself to use either a crossover cable or a straight cable.

Refer to Figure 5 for pin descriptions.

Pin	Function
1	TX+
2	TX–
3	RX+
4	PoE 1-2
5	PoE 1-2
6	RX–
7	PoE 3-4
8	PoE 3-4

Figure 5. Cat5 Cable Pin Descriptions

AUDIO WIRING

If you are not using the built-in microphone, the IM Series also supports line-in audio using standard unshielded twisted pair (UTP) cable and a 600-ohm impedance matching transformer. Audio functionality is only available for IM10 Series models, and it can be enabled or disabled using the Web browser.

NOTE: Improper use of audio/visual recording equipment may subject you to civil and criminal penalties. Applicable laws regarding the use of such capabilities vary between jurisdictions and may require, among other things, express written consent from the recorded subjects. You are solely responsible for insuring strict compliance with such laws and for strict adherence to any/all rights of privacy and personalty.
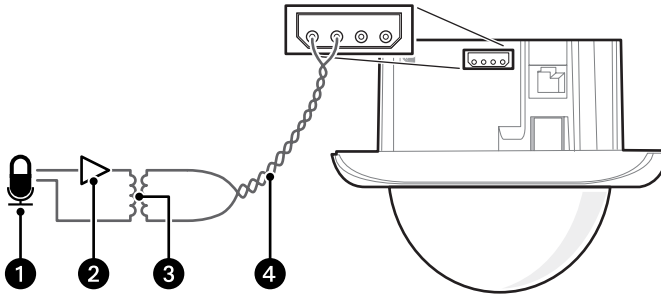
Figure 6. Line-In Audio Wiring

1. Microphone
2. Amplifier
3. 600-Ohm Impedance Matching Transformer
4. Audio UTP Cable

Specifications

MECHANICAL

Mounting   Secure to wall with two fasteners of appropriate length (fasteners not supplied)

GENERAL

Construction   ABS plastic

Finish
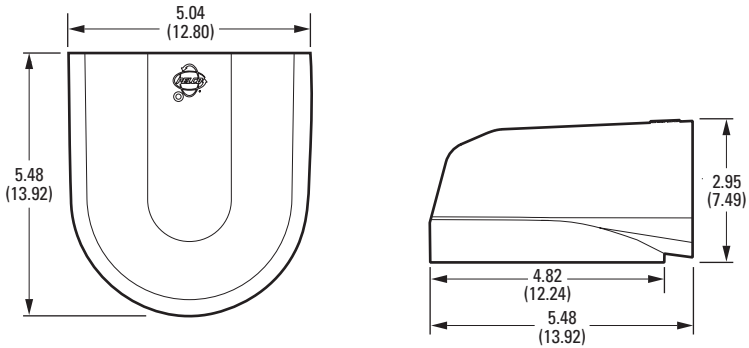   IM-WMWT   White
    IM-WMBL   Black

Unit Weight   0.24 lb (0.11 kg)

(Design and product specifications subject to change without notice.)

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

REVISION HISTORY

Manual #	Date	Comments
C2244M	12/09	Original version.
C2244M-A	2/10	Revised the lower dome installation instructions per CN24047 to reflect design change.

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
    - PMCL542F, PMCL547F, and PMCL552F 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 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.

1-22-10

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