



IWM Series and IDM4018 Mount

WALL MOUNT, SPECTRA®, DF5, AND DF8 SERIES DOME

Product Features

- For Use with Spectra®, DF5, and DF8 Series Pendant Domes; Can Also Be Used with Other Pendant Domes using 1.5-inch NPT Threaded Pipe for Mounting
- Constructed of Aluminum (IDM4018) and Cast Aluminum (IWM Series)
- Mounts Directly to Vertical Load-Bearing Surface for Wall Mount Applications
- Supports up to 75 Pounds (34 kg)
- Includes Cable Feedthrough Hole
- IWM24 Series Includes Integral 24 VAC, 100 VA Transformer for Use with Spectra Series Domes
- Optional Parapet, Pole, and Corner Adapters Are Available



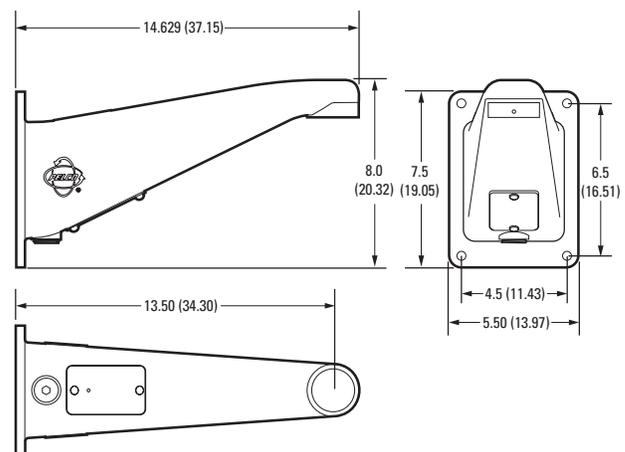
IWM24-GY

The **IWM Series** and **IDM4018** wall mounts are designed primarily for use with Spectra®, DF5, and DF8 Series pendant domes. They can also be used with other pendant domes that utilize 1.5-inch NPT pipe for mounting.

The **IDM4018** is constructed of aluminum and has a gray polyester powder coat finish. The **IWM Series** is constructed of cast aluminum and is available in a black or gray finish. The **IWM Series** is available in black or gray and includes an integral 24 VAC, 100 VA transformer. Input power (120 or 240 VAC, 50/60 Hz) is selectable via an internal slide switch which is easily accessible through a front access cover plate. Input wiring can enter the arm from openings in the mounting plate or flexible metal conduit fitting may be installed on the bottom of the mount. All mounts are designed to support up to 75 pounds (34 kg).

Both mounts are threaded for 1.5-inch NPT pipe, ready to accept a Spectra, DF5, or DF8 Series pendant back box.

The **IWM Series** and **IDM4018** can be attached directly to any vertical load-bearing surface. Optional parapet, pole, and corner adapters are available.



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



C203 / REVISED 1-06



TECHNICAL SPECIFICATIONS

MODELS

| | |
|----------|--|
| IWM-BK | Wall mount with cable feedthrough for use with Spectra, DF5, and DF8 Series pendant domes; black finish. |
| IWM-GY | Same as IWM-BK except gray finish. |
| IWM24-BK | Wall mount with cable feedthrough for use with Spectra, DF5, and DF8 Series pendant domes; includes integral 24 VAC, 100 VA transformer; black finish. |
| IWM24-GY | Same as IWM24-BK except gray finish. |
| IDM4018 | Wall mount with removable front end cap and feedthrough capabilities for use with Spectra, DF5, and DF8 Series pendant domes. |

ELECTRICAL

(IWM24 Series Only)

| | |
|--------------|---|
| Input Power | 120/240 VAC, 50/60 Hz, switchable via an internal slide switch |
| Output Power | 24 VAC, 100 VA transformer |
| Fuse | One 1.6 A, 120 VAC, fast acting One 500 mA, 240 VAC, fast acting |

GENERAL

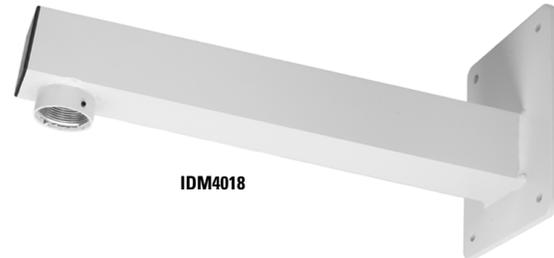
| | | |
|--------------------------------|---|---|
| Suggested Mounting Method | IWM Series IDM4018 | Secure with four 3/8-inch fasteners (not supplied) suitable for the mounting surface Secure with four 5/16-inch fasteners (not supplied) suitable for the mounting surface Dome screws directly into mount |
| Dome Mounting | | |
| Cable Entry | IWM Series and IDM4018 IWM24 Series | One cable feedthrough hole in mounting plate Two cable feedthrough holes in mounting plate; can accommodate 1/2-inch (1.27 cm) conduit fittings or PG13.5 liquid-tight gland fittings. One 3/4-inch (1.91 cm) conduit opening on the bottom of mount arm for flexible metal conduit connectors |
| Maximum Load | | 75 lb (34 kg) |
| Effective Projected Area (EPA) | IWM Series IDM4018 | ~48 square inches ~54 square inches |
| Construction | IWM Series IDM4018 | Cast aluminum 5052H32 Aluminum |
| Finish | IWM-BK IWM-GY IWM24-BK IWM24-GY IDM4018 | Black polyester powder coat Gray polyester powder coat Black polyester powder coat Gray polyester powder coat Gray polyester powder coat |
| Environment | | Indoor/outdoor |
| Unit Weight | IWM Series IWM24 Series IDM4018 | 2.46 lb (1.12 kg) 6.58 lb (2.98 kg) 4.00 lb (1.81 kg) |
| Shipping Weight | IWM Series IWM24 Series IDM4018 | 7 lb (3.17 kg) 11 lb (4.98 kg) 6 lb (2.71 kg) |

CERTIFICATIONS/RATINGS

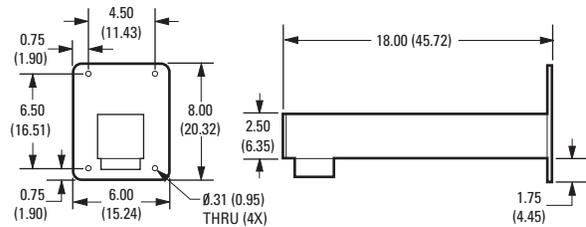
- CE compliant (IWM24-BK and IWM24-GY only)
- UL Listed (IWM Series only)
- UL Listed to Canadian safety standards (IWM Series only)
- Meets NEMA Type 4 Standards (IWM Series only)

OPTIONAL MOUNT ADAPTERS

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|---------------------------------|--|
| Corner CM400 | Corner mount adapter; use with IDM4018 and IWM Series |
| Pole PA402 | Pole mount adapter; use with IDM4018 and IWM Series |
| Parapet PP300L/PP301L | Parapet corner adapter; use with IWM-GY (Spectra and DF5 pendant domes only) |
| PP400 | Parapet wall adapter; use with IDM4018 and IWM Series |
| PP4348 | Rooftop parapet adapter; use with IDM4018 and IWM Series |



IDM4018



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