

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

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.

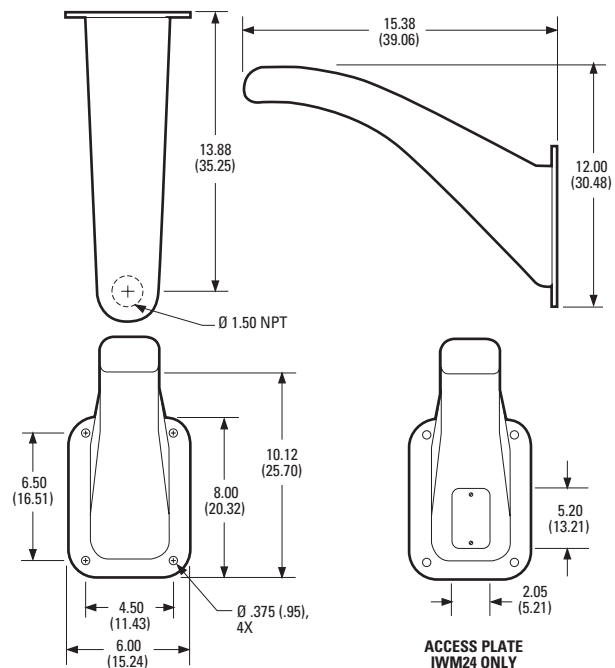
The **IDM4018** is constructed of aluminum and has a gray polyester powder coat finish. The **IWM Series** is constructed of cast aluminum and is available in a black or gray finish. The **IWM Series** is available in black or gray and includes an integral 24 VAC, 100 vA transformer. Input power (120 or 230 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 fittings may be installed on each side 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.



IWM-GY



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

IWM SERIES DIMENSION DRAWING



DataFAX
SPEC: 2203

MANUAL: 22036 (IDM4018), 22886 (IWM Series)

C203 / REVISED 10-02



International Standards
Organization Registered
Firm ISO 9001 Quality System



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	120/230 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, 230 VAC, fast acting

GENERAL

Suggested Mounting Method

IWM Series	Secure with four 3/8-inch fasteners (not supplied) suitable for the mounting surface
IDM4018	Secure with four 5/16-inch fasteners (not supplied) suitable for the mounting surface

Dome Mounting

Cable Entry

IWM Series and IDM4018	One cable feedthrough hole in mounting plate
IWM24 Series	Two cable feedthrough holes in mounting plate; can accommodate 1/2-inch (1.27 cm) conduit fittings or PG13.5 liquid-tight gland fittings. Two 3/4-inch (1.91 cm) conduit openings can be drilled on side of mount arm for flexible metal conduit connectors
Maximum Load	75 lb (34 kg)

Construction

IWM Series	Cast aluminum
IDM4018	5052H32 Aluminum

Finish

IWM-BK	Black polyester powder coat
IWM-GY	Gray polyester powder coat
IWM24-BK	Black polyester powder coat
IWM24-GY	Gray polyester powder coat
IDM4018	Gray polyester powder coat
Environment	Indoor/outdoor

Unit Weight

IWM Series	4.72 lb (2.14 kg)
IWM24 Series	7.95 lb (3.61 kg)
IDM4018	4.00 lb (1.81 kg)

Shipping Weight

IWM Series	7 lb (3.17 kg)
IWM24 Series	11 lb (4.98 kg)
IDM4018	6 lb (2.71 kg)

CERTIFICATIONS/RATINGS

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

OPTIONAL MOUNT ADAPTERS

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

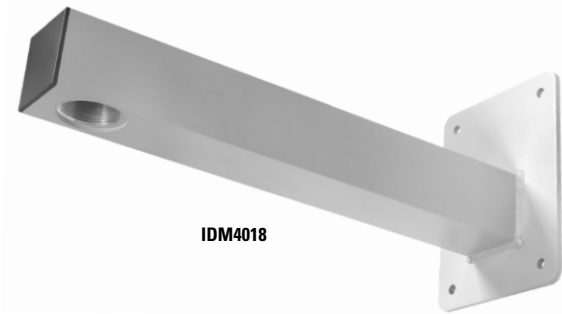
Parapet corner adapter; use with IWM-GY (Spectra and DF5 pendant domes only)

PP400

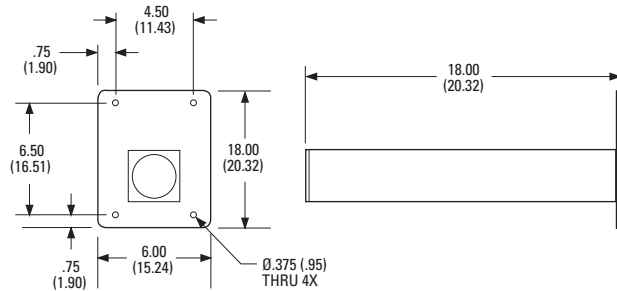
Parapet wall adapter; use with IDM4018 and IWM Series

PP4348

Rooftop parapet adapter; use with IDM4018 and IWM Series



IDM4018



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IDM4018 DIMENSION DRAWING



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