

# The FusionDome™ - outstanding protection indoors or outdoors.



Axis 2130 Network Cameras

## FD8 - Outdoor FusionDome™



Shown with standard wall mount

## PFD8 - Pressurized FusionDome™



Shown with optional WM20G wall mount

## IFD8 - Indoor FusionDome™



1 1/2" pipe thread



The FusionDome™ was engineered to accept the Axis 2130 Network camera.

Videolarm's 8" FusionDome™ offers great versatility in a compact size. Available for indoor or outdoor use, and pressurized to eliminate the effects of dust, moisture, exhaust fumes, and insects on your valuable equipment.

### FEATURES

- Durable engineered plastic top, 94V0, outdoor units are also UV protected
- The FD8 is lab certified at IP66 and is designed to meet NEMA 4X for water ingress, with a temperature rating -20°
- The PFD8 is lab certified at IP67 and is designed to meet NEMA 4X for water ingress, with a temperature rating -50° standard
- Optically clear dome
- Durable engineered plastic top has a flame rating of 94V0, and is UV protected
- Available in wall or pendant mount

### MECHANICAL SPECIFICATIONS

Size (hwxwd):	12.8" x 11.4" x 16.1"
Weight:	11 lbs.
Construction:	
Top:	.125" engineered plastic
Dome:	Cell-cast acrylic
Mounting Bracket:	Cast or machined aluminum
Seals:	.136" x 10.25" O-ring
	.136" x 4.5" O-ring (PFD8C2/AX)

Pressurized version only:	
Pressure Relief Valve:	3 - 5psi
Schraeder Valve:	Nitrogen input
Power, video, & control connector:	10-pin Souriau, hermetically sealed

### ELECTRICAL SPECIFICATIONS

IFDW8C2/AX:	24 VAC, 20 watts (VA)
FDW8C2/AX:	24 VAC, 45 watts (VA)
PFD8C2/AX:	24 VAC, 70 watts (VA)

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature:	
FDW8C2/AX	-20° F to +120° F
PFD8C2/AX	-50° F to +120° F
Effective Projected Area (EPA):	Approx. 180 square inches
Ratings:	
FDW8C2/AX	IP66
PFD8C2/AX	IP67

## ARCHITECTURAL/ENGINEERING SPECIFICATIONS

The FD8 housing shall be an outdoor housing and the IFD8 an indoor housing, both available in either wall or pendant mounted versions. The PFD8 pressurized housing shall be a pendant mount housing. The units shall be designed to accommodate the Axis 2130 Network camera. Outdoor enclosures shall also be equipped with blowers and thermostatically controlled heaters. The input power for the outdoor housing (including camera) will be 45 watts at 24 VAC, 70 watts at 24 VAC for the pressurized model, and 20 watts at 24 VAC for the IFDW8C2/AX indoor model. The IFDW8C/AX does not include any electronics, see camera specifications for power requirements.

The housing shall be manufactured from a high-impact engineered plastic, UV protected, with a UL flame rating of 94V0. The dome shall be made of a thermoformed, optically clear, cell-cast acrylic material. The dome shall be held in place with minimum of (3) fasteners for the FD8 and IFD8 and a minimum of (9) fasteners for the PFD8, and a safety cable shall be provided to hold the dome while servicing. Access to the enclosure shall be from below with (3) captive fasteners for the FD8 and the IFD8 and (9) captive fasteners for the PFD8 used to press the dome against a sealing O-ring. A twist-off feature shall allow for the final removal of the dome.

For the pressurized PFD8 model, a secondary O-ring seal shall be provided at the top of the enclosure through a precision machined bracket. This machined bracket shall also be provided with a 3 to 5 psi pressure-relief valve and a standard bore thread dill valve to insert inert dry nitrogen into the enclosure. All incoming wires will enter the unit via a 10-pin hermetically sealed connector. A quick-release bracket will be provided at the top of the unit for ease of installation and quick removal of the unit. The unit shall be a pendant mount with a quick-release bracket at the top of the unit for ease of installation and quick removal of the unit.

## MODELS

### Indoor FusionDome™

#### IFDW8C2/AX

Indoor dome housing, wall mount, clear dome, 24 VAC input, for Canon's VB-C10R Network camera

#### IFDW8C/AX

Indoor dome housing, wall mount, clear dome, 12 VDC input (See camera specifications), for Canon's VB-C10R Network camera

### Outdoor FusionDome™

#### FDW8C2/AX

Outdoor dome housing, wall mount, clear dome, 24 VAC input, w/ H&B, for Canon's VB-C10R Network camera

Replace "W" with "P" in model number for pendant mount

### Pressurized FusionDome™

#### PFD8C2/AX

Outdoor pressurized dome housing, pendant mount, clear dome, 24 VAC input, w/ H&B, for Canon's VB-C10R Network camera

**NOTE:** Replace "C" with "T" in model number for tinted dome (1 F-stop light reduction)



WM20G



WM30G



ACA2



APM3

## ACCESSORIES

WM20G	Gooseneck wall mount (Can be fitted to pendant mount versions only)
ACA2	Aluminum corner mount adapter
APM3	Aluminum existing pole mount adapter
WM30G	Aluminum parapet mount
PRM30G	Aluminum extended parapet mount
CWKFD2	24 VAC cold weather kit for standard FusionDome™ equipped with heater/blower
PolEvator™	Lowering pole

## SHIPPING WEIGHT AND BOX DIMENSIONS

	Unit weight	Shipping weight	Shipping box
IFDW8C2/AX	10 lbs	11 lbs	17 x 14 x 17
FDW8C2AX	10 lbs	11 lbs	17 x 14 x 17
PFD8C2/AX	10 lbs	11 lbs	17 x 14 x 17

(Shipping weights depend on box dimensions.)



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