



# PoE Ready™ Housings

## Powerful PoE Camera Housings

Moog Videolarm's PoE Ready line of camera enclosures provides a simple and quick installation that reduces project cost. The advance technology engineered into the PoE Ready line allows full advantage of the benefits of PoE wiring for outdoor camera systems. Available in three different configurations, these PoE enclosures are tailored to support most fixed or PTZ PoE-enabled cameras. One PoE cable is all you need to connect the Moog Videolarm Dynamic Power Allocation™ (DPA) system. DPA technology intelligently distributes power between the camera and the heater/blower (H&B); prioritizing the incoming power so that camera operation is guaranteed across the full range of the camera's conditions.

### Key Features

- PoE Plus IEEE802.3at compliant devices
- Lower installation cost with quick, one cable connection
- True PoE power to the camera (no splitter that runs 12/24v to the camera)
- One midspan or an IEEE802.at switch powers everything
- DPA ensures maximum power to the camera. All remaining power is provided to the H&B for maximum operating temperature range
- Automatically adjusts to power loss for long cable runs. Maximum power available for H&B
- Heater operates on PoE power, no inefficient power conversion



# PoE



## SM5C8N

Compact, outdoor surface-mount dome housing for PoE enabled fixed and PTZ cameras. DPA system, 30W, 100-240Vac input, midspan included (see supported cameras)

## SM5C8NE

Does not include midspan



## ACH13HB8N

Outdoor environmental housing for PoE IP fixed cameras. Wall/Pole mount, DPA system, 30W, 100-240Vac input, midspan included

## ACH13HB8NE

Does not include midspan



## FDW75C8N/FDW75CF8N

Standard outdoor wall mount dome housing for PoE and PoE Plus enabled PTZ/fixed cameras. DPA system, 60W, 100-240Vac input, midspan included (see supported cameras)

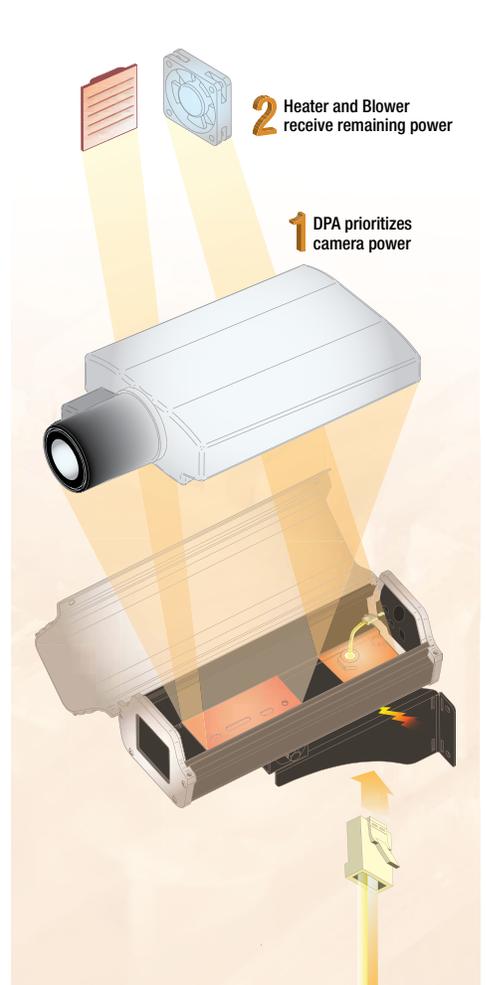
**FDW75C8N:** For PTZ model

**FDW75CF8N:** For fixed model

## FDW75C8NE-FDW75CF8NE

Does not include midspan

## DYNAMIC POWER ALLOCATION:



## COMPATIBLE CAMERAS:

SM5	
Arecont	AV13**/21**/28**/31**/51**/10005
Axis	M10**, 212,216
IQvision	IQeye 5xx/7xx series
Panasonic	BB-HCM381/280, WV-NF284/302, WV-NS202, WV-SC385
Sony	SNC-DH140/240
Toshiba	IKWB21A
ACH13	
Virtually any standard body PoE-enabled fixed camera. Camera and lens combinations up to 10.5" long and 3.6" wide	
FDW75	
Sony	SNC-RH124, RS44, RS46

## ACCESSORIES:

**APM3**  
Aluminum pole mount bracket with female inserts

**ACA2**  
Aluminum corner mount bracket with female inserts

**WM20GW**  
White aluminum gooseneck wall bracket, includes 1 1/2" NPT

**PMSM5**  
Sunshield for SM5

**ACHY**  
Sunshield

## SPECIFICATIONS:

Environmental Specifications (All Models)		Electrical Specifications	
Operating Temperature:	-20°F to 120°F (-29°C to + 49°C)	Power Requirements:	100/240Vac, 50-60 Hz (midspan input)
Heater Activates At:	60°F +/-8° (15°C, +/-8°)	PoE Power:	48-56Vdc, 33 watts (60 watts for FDW75 models)
Heater Deactivates At:	80°F +/-8° (27°C, +/-8°)	Recommended Midspans	
		PowerDsine:	9000G, 9001G, 9501G
		Philong:	PoE36*, PoE125*, PoE30*, PoE75* (+60 watt models needed for FDW75 series)

General Specifications			
	SM5 (PoE Plus)	ACH13 (PoE Plus)	FDW75 (Ultra-high PoE)
IP/NEMA Rating (Weather Rating):	IP66/4X	IP55/3R	IP66/4X
Effective Projected Area (EPA):	83 inches <sup>2</sup>	61 inches <sup>2</sup>	180 inches <sup>2</sup> (0.12m <sup>2</sup> )
Max. Distance from Midspan/PoE Switch:	328.1 ft (100m)	328.1 ft (100m)	262.5 ft (80m)
Product Dimensions:	8.6" x 8.6" x 8.4" (219 x 219 x 214mm)	15.4" x 5.7" x 15.3" (392 x 145 x 389mm)	14.53" x 10.27" x 14.8" (369 x 260 x 375mm)
Product Weight:	3 Lbs. (1.4 Kg)	4 Lbs. (1.8 Kg)	10 Lbs. (4.6 Kg)
Construction Body:	Extruded aluminum polycarbonate		
Mounting Bracket Construction:	N/A	Powdercoated steel	Cast aluminum
Trim Ring/End Caps:	Polycarbonate		
Window/Dome Construction:	Polycarbonate		
Regulatory and Certifications:	CE, RoHS, WEEE		
Shipping Dimensions (HxWxD):	13" x 12.50" x 12.25" with midspan	6.50" x 16.50" x 10.75" with midspan	17" x 17" x 13" with midspan
Shipping Weight:	7 Lbs. with midspan (6 Lbs. without midspan)	8 Lbs. with midspan (7 Lbs. without midspan)	16 Lbs. with midspan (15 Lbs. without midspan)