



PoE Ready™ Housings

Powerful PoE Camera Enclosures

Power over Ethernet (PoE) is a technology that allows both power and network data to transmit across standard network cabling (Cat 5e, or Cat 6). PoE advantages include:

- Reduces installation cost by allowing a network camera to use the same cabling that is used for all other devices on a network (one contractor installs all cabling)
- Eliminates the need for power outlets at the camera location
- Combines easily with industry-standard uninterruptible power supplies (UPS) to guarantee 24 / 7 / 365 operation
- Installation can be completed without an electrician
- One cable connection, one midspan powers everything

The Moog PoE Ready line of camera enclosures provides simple and quick installation features that reduce project cost. The advanced technology engineered into the PoE Ready line allows full advantage of the benefits of PoE wiring for outdoor camera systems. One cable connects you to the Moog 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.

Available Features

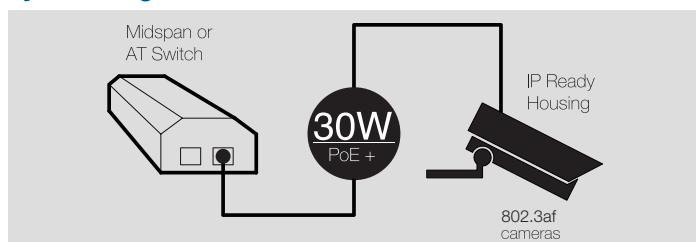
- Compatible with PoE IEEE802.3af, and PoE Plus IEEE802.3at compliant cameras
- DPA ensures maximum power to the camera. All remaining power is provided to the H&B for maximum operating temperature range
- Automatically adjusts to power loss for long cable runs
- True PoE power to the camera (no splitter that runs 12 / 24v to the camera)
- Heater also operates on PoE power; no inefficient power conversion



Understanding PoE and PoE Plus:

	802.3af (PoE)	802.3at (PoE Plus)
Power for the operating device:	12.9 W	25 W
Power output from the Midspan (Switch):	15.40 W	30 W
# of wires used for power (Cat 5e or 6):	4	4

System Diagram: PoE Plus



Models: PoE Plus Series (compatible with IEEE802.3af compliant cameras)

Fusion Camera Housings



FCH11C8WY

Outdoor environmental housing with feed-thru wall / pole mount. Includes 100-240Vac input midspan, heater & blower, adjustable sunshield

FCH11C8WQ

Outdoor environmental housing with Thermiq™ Technology heat exchanger, feed-thru wall / pole mount. Includes 100-240Vac input midspan, heater & blower, adjustable sunshield



Fusion Pressurized and Dust-Proof Housings

PFH10C8WY

Pressurized tubular housing includes 100-240Vac input midspan, heater & blower with feed-thru wall / pole mount, adjustable sunshield

DFH10C8WY

Dust-Proof tubular housing includes 100-240Vac input midspan, heater & blower with feed-thru wall / pole mount, adjustable sunshield

Compatible Cameras: Virtually any standard body PoE-enabled fixed camera. Camera and lens combinations up to 10" long and 3.5" wide



Compact Dome

SM5C8N

Compact, outdoor surface-mount dome housing for PoE (.af) enabled fixed and PTZ cameras. 100-240Vac input midspan included

Compatible Cameras: ACTI: ACM-8511; AXIS 216; CANON: VB-C60, VB-C300; PANASONIC: WV-NS202, WV-SC385, WV-SC384, BB-HCM580/58; TOSHIBA: IK-WB16A

General Specifications

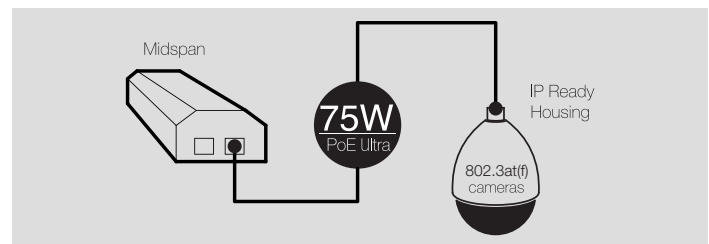
	FCH11	PFH10 and DFH10	SM5
Max. Camera Length:	11" (280mm)	10" (254mm)	See Compatible Cameras
Mounting Style:	Wall or Pole	Wall or Pole	Surface
Input Power:	802.3at (PoE Plus)		
Supported Cameras:	802.3af		
Window / Dome Construction:	Polycarbonate	Tempered Treated and or Safety Glass	Polycarbonate
IP rating (Weather Rating):	IP66	IP67	IP66
Operating Temperature:	-20°F to 122°F (-29°C to 50°C); FCH11...Q extends top end to 140°F (60°C)		
Maximum Windload:	150mph (240kph)		

Optional Models: FCH11C8WYE, FCH11C8WQE, PFH10C8WYE, DFH10C8WYE, SM5C8NE, SM5T8N, SM5T8NE
Add "E" to the end of the part number for models that do not include a midspan

Understanding PoE and PoE Ultra:

	802.3af (PoE)	PoE Ultra
Power for the operating device:	12.9 W	43 or 58 W
Power output from the Midspan (Switch):	15.40 W	60 or 75 W
# of wires used for power (Cat 5e or 6):	4	8

System Diagram: PoE Ultra



Models: PoE Ultra Series (compatible with IEEE802.3af & IEEE802.3at compliant cameras)



FusionDome™

FDW75C8N

Standard outdoor wall mount dome housing for PTZ cameras. 100-240Vac input 60 W midspan included
(*FDP75C8N* for pendant mount applications)



Fusion Stainless Steel Dome

SSD75C8N

Stainless Steel corrosion-resistant outdoor pendant mount dome housing for PTZ cameras. 100-240Vac input 75 W midspan included



Rugged Housing

RHW75C8N

Vandal Resistant outdoor wall mount dome housing for PTZ cameras. 100-240Vac input 75 W midspan included.
(*RHP75C8N* for pendant mount applications)



Pressurized FusionDome™

PFDW75C8N

Pressurized, sealed outdoor dome housing for PTZ cameras. 100-240Vac input 75 W midspan included. Wall and pendant mount included

Compatible Cameras For All Listed Models: ACTI: ACM-8511; CANON: VB-C60, VB-C300; PANASONIC: WV-NS202, WV-SC385, WV-SC384, BB-HCM580 / 581, WV-SC386; SONY: SNC-EP / ER Series (520 / 550 / 580), SNC-RH124 / RS44 / RS46; TOSHIBA: IK-WB16A; JVC: VN-V685U, VN-V686BU

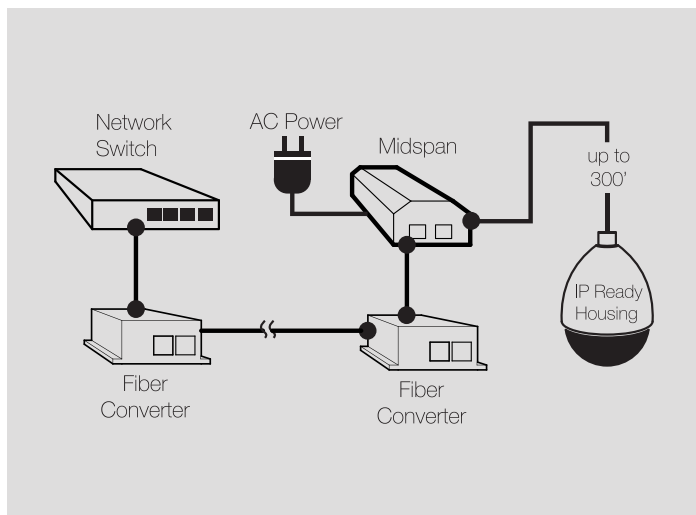
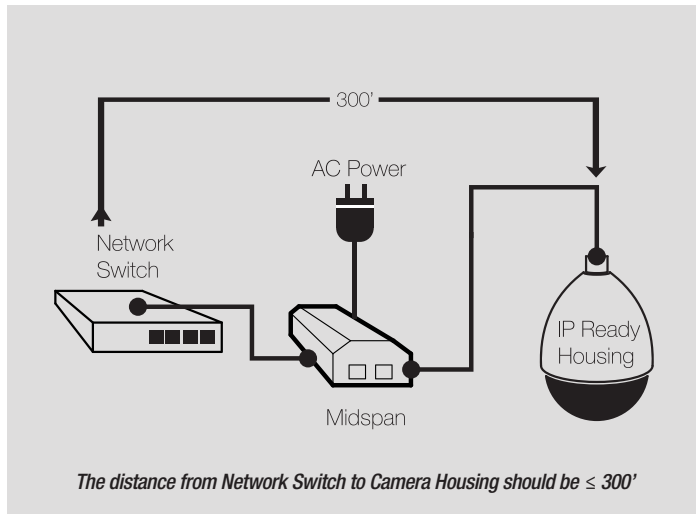
General Specifications

	FDW75	RHW75	PFDW75	SSD75
Max. Camera Length:	See Compatible Cameras			
Mounting Style:	Wall		Wall or Pole	Pendant
Input Power:	802.3at (PoE Ultra)			
Supported Cameras:	802.3af or 802.3at			
Window / Dome Construction:	Polycarbonate			Special Blend Nylon
IP Rating (Weather Rating):	IP66	IP67	IP66	IP67
Operating Temperature:	-20°F to 122°F (-29°C to 50°C)			
Maximum Windload:	150mph (240kph)			

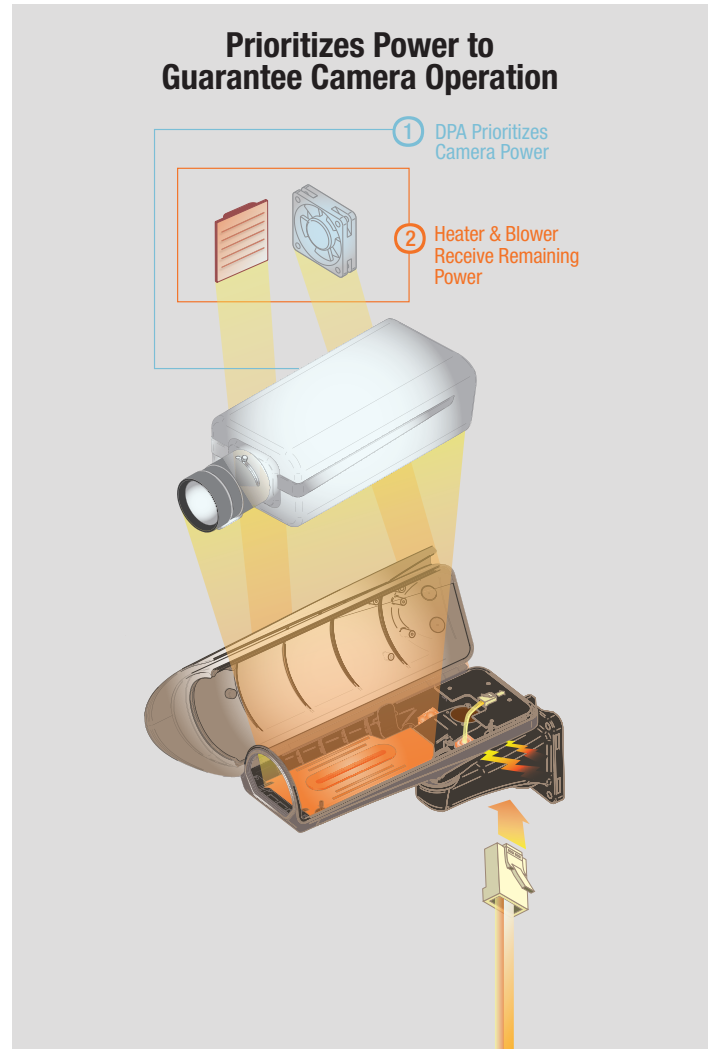
Accessories:



System Diagrams:



Dynamic Power Allocation (DPA):



Regulatory and Certifications



MOOG

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