

POD9C & POD9CW Outdoor Dome Housing

PRODUCT FEATURES

- Pendant or wall mount models are available
- Easy camera installation
- 24 Hour fan operation for effective heating and condensation protection
- Thermostatically control 24VAC heater
- Separate power input for H&B and camera power
- Surge protection for video line and power line
- Ground-loop protection by optional unit PWBT1621 (Isolation Transformer)
- Optically clear dome material
- Constructed of Durable engineered plastic top, 94VO, with UV protected and acrylic lower dome

DESCRIPTION

The POD9C and POD9CW are outdoor dome housings for WV-CS954/WV-CS574/WV-NS324 unitized dome camera systems. A heater and blower are standard on all models.

BID SPECIFICATIONS

The outdoor dome camera housing shall be a Panasonic Model POD9C, POD9CW or equivalent. The housing shall be designed for the Unitized Surveillance Device Series WV- WV-CS954/WV-CS574/WV-NS324. The POD9C housing shall be a pendant mount, and the POD8CW shall be a wall mount housing. The enclosure shall also be equipped with 24 VAC input blowers and thermostatically controlled heaters. The POD9C housing shall be manufactured from a high-impact engineered plastic, UV protected, with a UL flame rating of 94V0. The dome shall be made from an injection molded, optically clear, polycarbonate blend material. The dome shall be held in place with minimum of (3) fasteners, 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 used to press the dome against a sealing O-ring. A twist-off feature shall allow for the final removal of the dome. On pendant models all incoming wires will enter the unit through the top of the housing. A 1 ½” NPT quick-release coupling will be provided at the top of the unit for ease of installation and quick removal of the unit. On wall mount models all incoming wires will enter through the back of the wall mount and run up into the housing. An access door located at the bottom of the wall mount will allow for easy hook up of all incoming wire connections. The housing shall include a camera mounting bracket that integrates a heater, blower, video and power surge protector capable of clamping differential mode voltage between 240 - 300V and common mode voltage from 27 - 36V. The housing shall be powered with 24VAC (60Hz) and have a power consumption not to exceed 68W including Unitized Camera. The blower shall draw 1.6W continuous power. The 50W heater shall turn on at 40°F and turn off at 60°F. A ground isolation transformer, Panasonic model PWBT1621, shall be available as an option. The housing shall support a temperature range of -50° to 120°F.

ELECTRICAL SPECIFICATIONS

Power:	24 VAC 52 watts (excluding camera) 24 VAC 68 watts with camera
Surge Protector (Video):	Clamping differential mode voltage between 240 - 300V and common mode voltage from 27 - 36V
Ground Loop Isolator (Optional)	
Model No.:	PWBT1621
60Hz hum rejection:	1000V p-p

Bandpass: 10Hz to 25MHz
Insertion Loss: 0.3dB

MECHANICAL SPECIFICATIONS

Size (hxwxd):

POD9C: 14.6" x 10.3" x 14.9"

POD9CW: 14.6" x 10.3" x 14.9"

Weight: 7 lbs. (without camera)

Construction:

Upper Housing: .125" plastic top, 94VO flame rated, and UV protected

Lower Dome: Polycarbonate blend (Distortion free)

Mounting Brackets: Cast or machined aluminum

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: -50° F to +120 F

Heater activates at +40° F (+/- 8°), deactivates at +60° F (+/- 5° F), 24vac, 50W

Blower Continuous operation

Ratings: IP66 (POD9C)

MODELS

POD9C - Dome Housing, Outdoor Pendant Mount, clear dome for Unitized Cameras

POD9CW - Dome Housing, Outdoor Wall Mount, clear dome for Unitized Cameras

SHIPPING

POD9C/POD9CW: 11 lbs * 17" x 14" x 17"

OPTIONS/ACCESSORIES

POD9C:

PPMF12D Pendant Mount Bracket

PWM20G Aluminum, Gooseneck wall mount bracket

PWM30G Aluminum, Parapet mount bracket w/o extension

PPRM30G Aluminum, Parapet mount bracket

POD9CW:

PACA2 Aluminum, Corner Mount Adaptor

PAPM3 Aluminum, Pole mount adaptor

PSRCW2000B Heavy-Duty parapet mount bracket