

MOOG
Videolarm



PFD7C

Traffic Surveillance - Pressurized PTZ Camera

Moog Videolarm's PFD7C Series offers an ideal solution for effective outdoor monitoring; excellent for traffic surveillance, sea shore (marina), and manufacturing facilities.

Constructed of durable engineered plastic, the PFD7C includes Moog Videolarm's highly sophisticated SView PTZ camera system, available in either IP or analog format with optional 23x or 36x zoom. This true day/night camera includes all metal gearing and a durable pan / tilt device. An IP67 rating eliminates the negative effects of moisture, dirt and pollution. Filled with an inert gas, the PFD7C is capable of maintaining constant pressure within the inner housing area.

With its optically enhanced camera system, rugged design, and pressurization capabilities the PFD7C Series excels at protecting both your surveillance system and monitoring application.

Key Features

- Fully pressurized system. Includes both Schrader and pressure relief valves
- IP67 rating: designed to withstand water, dust and pollution intake
- Heater/Blower feature is standard
- Auto focus, high-res true day/night camera: 23x or 36x optical zoom models available
- Camera system consists of heavy-duty construction including metal gearing and a durable pan/tilt device
- IP or analog models available
- Optional goose wall mount available
- 2 adjustable privacy zones and 64 presets with 3 auto-tours (sequential and random)



Analog:

PFD7CS-9 / PFD7CS-9NT / PFD7CS-3 / PFD7CS-3N

The **PFD7CS-9** is a 7" (177.8mm) pressurized outdoor PTZ camera system, 23x optical zoom day/night camera. Clear lower dome, 24VAC input, heater/blower, with Pelco D&P and Moog Videolarm protocols. **PFD7CS-9NT** is the same as the PFD7CS-9 except this unit meets NTCIP protocols. The **PFD7CS-3** version has a 36x optical zoom day/night camera and comes with a Pelco D&P and Moog Videolarm protocols. The **PFD7CS-3N** is the NTCIP protocol version of the PFD7CS-3

IP:

PFD7CN-9 / PFD7CN-3

The **PFD7CN-9** is a 7" (177.8mm) pressurized outdoor PTZ camera system, 23x optical zoom day/night camera. Clear lower dome, 24VAC input, heater/blower, with MPEG-4 & MJPEG video compression, full D1 resolution. The **PFD7CN-3** version has a 36x optical zoom day/night camera and come with MPEG-4 & MJPEG video compression, full D1 resolution

SPECIFICATIONS:

Video Specifications	
Analog Video Output:	1.0 V p-p, BNC Output 36x Optical, 10x Digital
Resolution:	470/530TV: NTSC
Communication:	RS422/485
Protocols:	Auto Sensing: Pelco D and Pelco P & Moog Videolarm VL485 (others available, please contact factory)
IP Resolution:	Full D1 (4SIF): 720x480, VGA, SIF, QVGA, QSIF
Network Interface:	10/100 Base-T Ethernet
Image Compression:	MPEG-4, JPEG, MJPEG

Camera Specifications	
Type:	23x 36x
Image Sensor:	1/4 type EXview HAD CCD
Output:	NTSC
Number of Effective Pixels:	360,000 pixels 380,000 pixels
Resolution:	470 TV lines 530 TV lines
Lens:	23x optical, (f=3.6mm - 82.8mm) 36x optical, (f=3.4mm - 122.4mm)
Digital Zoom:	10x 12x
Angle of View:	(H) 54° (wide end) to 2.5° (tele end) (H) 57.8° (wide end) to 1.7° (tele end)
Minimum Illumination:	3 lux @ 1/60s, .2 lux @ 1/4s 1.4 lux @ 1/60s, .1 lux @ 1/4s
S/N Ratio:	More than 50 dB

Environmental Specifications	
Operating Temperature:	-50° F to 158° F (-45° C to 70° C)
Heater Activates at:	60 °F (15° C)
Heater Deactivates at:	80°F (27° C)
Operating Humidity:	Up to 100%
Meets IK10 Specifications	

ACCESSORIES:



WM20G
Aluminum gooseneck wall bracket, includes 1½" NPT



NPK01
Nitrogen fill kit for pressurized housing, includes regulator valve and fill tank



PB24
Rugged cast aluminum power box with 84W and 24W power supply



WM40W
Heavy-duty wall mount with removable panel. Durable off-white polyurethane powder coat finish, corrosion resistant

Electrical Specifications	
Power Requirements:	24VAC 80W (H/B 52W)

Mechanical Specifications PAN/TILT	
Pan Movement:	360° Continuous Pan Rotation
Manual Pan/Tilt Speeds:	0.5°-80°/sec Manual Operation
Preset Pan/Tilt Speeds:	120°/sec
Positioning:	+/- .05 Degree
Construction:	Aluminum
Gearing:	Belt-driven, ¼" wide

Mechanical Specifications DOME	
Size: (h*w*d):	14.4" x 11.2" x 11.2" 366 x 285 x 285mm
Weight:	11 lbs 5.0kg
Construction	Top: .125" 3mm engineered plastic
	Dome: Polycarbonate
	Mount Bracket: Cast Aluminum

Dimensions / Architectural Drawings

