

D-Series

Compact, Network-Enabled Outdoor Dome Thermal Camera
The next level of security.



Multi-sensor thermal security camera in a NEW compact outdoor dome

The NEW compact D-Series thermal security camera lets you see intruders and other threats to your facility's security clearly in total darkness and in bad weather. Get precise pan/tilt control and fully programmable scan patterns, radar slew-to-cue, and slew-to-alarm functionality.

FLIR's D-Series thermal multi-sensor security dome cameras are the perfect replacement for legacy dome cameras, providing clear 24/7 imaging capability in an attractive, discrete dome-style enclosure.

Benefits of D-Series Thermal Security Cameras:

- 640 x 480 thermal resolution for four-times the resolution, longer detection ranges, and better image quality
- High-quality 24/7 thermal video security coverage
- Broad range of lenses available for the thermal camera: choose from lenses with focal lengths from 9 mm to 35 mm, and FOVs from 48° to 13°
- Day/night 36x zoom color CCD video camera
- Simultaneous visible-light and thermal video outputs ensure optimal imaging performance in a wide variety of conditions
- Precision, rugged outdoor dome enclosure provides 360° continuous pan and +45° to -180° tilt for uninterrupted coverage
- Auto Digital Detail Enhancement (DDE) built in for optimal image quality across all scene conditions
- Open IP standards for plug-and-play integration and configuration in digital networks
- Multiple channels of streaming digital video available in H.264, MPEG-4, or M-JPEG formats
- FLIR Sensor Manager single-device version included



Thermal cameras can complement CCD cameras during the day in situations where contrast is low.



Specifications

Camera Model		D-Series C
Camera Platform Type	Outdoor PTZ Dome	
Thermal Camera Specifications		
Array Format (NTSC)	320 x 240	640 x 480
Detector Type	Long-Life, Uncooled VOx Microbolometer	
Effective Resolution	76,800	307,200
Pixel Pitch	25 µm	17 µm
Field of View	48° x 39° (D-348; 9 mm) 34° x 28° (D-334; 13 mm) 24° x 19° (D-324; 19 mm) 13° x 10° (D-313; 35 mm)	45° x 37° (D-645; 9 mm) 25° x 20° (D-625; 13 mm) 18° x 14° (D-618; 19 mm)
Zoom	2x & 4x E-zoom	2x & 4x E-zoom
Spectral Range	7.5 µm to 13.5 µm	
Focus Range	Athermalized, focus-free	
Video Outputs		
Composite Analog Video	NTSC or PAL, Standard	
Streaming Video Compression	Two independent channels of streaming MPEG-4, H.264, or M-JPEG	
Streaming Resolutions	D1, 4CIF, VGA, SIF, QVGA	
Thermal Video Optimization		
AGC Modes	Auto AGC, Manual AGC, Plateau Equalization AGC, Linear AGC, Auto Dynamic Detail Enhancement (DDE), Max Gain Setting,	
Region of Interest	Full	
Image Uniformity Optimization	Automatic - Thermal and Temporal Triggers	
Network Integration		
Supported Protocols	IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP	
System Integration		
Windows SDK	Nexus	
CGI	Nexus	
ONVIF Conformance	ONVIF 1.02	
Serial Control	RS-232/-422; Pelco D, Bosch	
Pan/Tilt Performance		
Pan Angle/Speed	Continuous 360°; 0.5° to 60°/sec	
Tilt Angle/Speed	+45° to -180°; 0.5° to 60°/sec	
Programmable Presets	128	
General		
Weight	18.2 lb/8.3 kg (configuration dependent)	
Dimensions	17" (h) x 8" (dia) (Consult ICD for details)	
Input Voltage	24 VAC (21-30 VAC) 24 VDC (21-30 VDC)	
Power Consumption (Consult product manuals for detailed power requirements)	Maximum power at 24 VAC = 85 VA Maximum power at 24 VDC = 75 W	
Visible Light Camera		
Sensor Type	1/4" Exview HAD CCD	
Lens Field of View	57.8°(h) to 1.7°(h)	
Focal Length	3.4 mm to 122.4 mm	
Zoom	36x Optical zoom, 12x E-zoom	
F/#	1.6 to 4.5	
Horizontal Resolution	550 TVL	
Effective Pixels (NTSC)	380,000	



SANTA BARBARA

FLIR Systems, Inc.
70 Castilian Drive
Goleta, CA 93117
USA
PH: +1 805.964.9797
FX: +1 805.685.2711

PORTLAND

Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, OR 97070
USA
PH: +1 877.773.3547
FX: +1 503.498.3153

EUROPE

FLIR Systems CVS BV
Charles Petitweg 21
4847 NW Teteringen - Breda
The Netherlands
PH: +31 (0) 765 79 41 94
FX: +31 (0) 765 79 41 99

www.flir.com

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.

Imagery used for illustration purposes only.

©2013 FLIR Systems, Inc. Specifications are subject to change without notice, check our website: www.flir.com. 5235 01/13

Find Quality Products Online at:

www.GlobalTestSupply.com

sales@GlobalTestSupply.com