D-Series

FLIR D-SERIES
Compact Network-Enabled Outdoor Dome Thermal Camera

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.

KEY FEATURES

- 640 × 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 36× 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

Oil Rig in Thermal & Visible (upper right)

Easily Identify potential ground threats

FLIR®

The World's Sixth Sense™

Specifications

Camera Platform Type	Outdoor PTZ Dome	
Array Format (NTSC)	320 × 240	640 × 480
Detector Type	Long-Life, Uncooled VOx Microbolometer	Long-Life, Uncooled VOx Microbolometer
Effective Resolution	76,800	307,200
Pixel Pitch	25 µm	17 µm
Field of View	48° × 39° (D-348; 9 mm) 34° × 28° (D-334; 13 mm) 24° × 19° (D-324; 19 mm) 13° × 10° (D-313; 35 mm)	45° × 37° (D-645; 13 mm) 25° × 20° (D-625; 25 mm) 18° × 14° (D-618; 35 mm)
Zoom	2× & 4× E-zoom	2× & 4× 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	
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) × 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	36× Optical zoom, 12× E-zoom	
F/#	1.6 to 4.5	
Horizontal Resolution	550 TVL	
Effective Pixels (NTSC)	380,000	

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