



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 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



Oil Rig in Thermal & Visible (upper right)



Easily Identify potential ground threats

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	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		
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	36x Optical zoom, 12x E-zoom		
F/#	1.6 to 4.5		
Horizontal Resolution	550 TVL		
Effective Pixels (NTSC)	380,000		

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