

Radiometric Thermal Camera

FV-3543-4

- Thermal imaging for temperature monitoring
- 400x300 resolution
- 0° to 550° C analysis range
- Up to 8 user-defined alarm zones
- Optional cooling and air curtain accessories
- PoE



Rugged camera for LWIR temperature monitoring

The FV-3543-4 Thermal IP Network Camera is a compact LWIR camera for temperature monitoring applications.

At its core is a 400x300 uncooled vanadium oxide-based micro bolometer sensor array. A variety of lens options are available, providing 46, 26, or 8 degrees field of view.

In conjunction with the IVC Alarm Server Software, the camera provides digital output for over-temperature indications within the camera's field of view.

Up to 8 temperature user-defined zones can be configured. A zone may be a spot, area, or line. Within each zone, the camera may be programmed to alarm on:

- Over Temperature
- Temperature Difference

The FV-3543-4 is housed in an industrial IP66 enclosure with optional lens cleaning and cooling options. The camera is ready for mounting and requires power and an Ethernet connection.

► specifications

Imager	400x300 VOx microbolometer
Spectral Range	8-14 μm
Pixel Pitch	17 μm
Thermal Sensitivity	NetD <40mK
Focus	Manual Focus
View Angle	(See ordering information)
F-number	(See ordering information)
Thermal Range	0° C to 550° C
Thermal Accuracy	$\pm 2^\circ\text{C} / \pm 2\%$
Detection Zones	8 programmable
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, 802.1x, ONVIF
Ethernet	100Base-TX/10BaseT (RJ-45)
Compression	M-JPEG, H.264
Frame Rate	30 FPS
Voltage Required	PoE (802.3af)
Power Consumption	5 W
Weight	5.97 lbs.
Operating Temperature	-39° C to 50° C
Dimensions	4.25" D x 16" L
Mount	Wall mount standard
Enclosure Rating	IP66, NEMA 4
Certifications	CE/FCC

► ordering information

FV-3543-3-L

-L	Lens Options		
	Focal Length	HFOV	F#
8	8 mm	46°	F1.0
15	15mm	25.5°	F1.0
35	35mm	11°	F1.0

► IVC camera management software

Point & click camera management & control

Robust, enterprise class software to manage and control your cameras and video from anywhere in the world.



► accessories

ACC-380 - Air Knife for View Window

ACC-390 - Enclosure Venturi Cooler

ACC-389 - Knife/Cooler Combination

SS-3543 - Enclosure Sunshield



330 Nevada St., Newton, MA 02460 www.ivcco.com 617-467-3059

© 2019, Industrial Video & Control Co. The Industrial Video & Control Co. logo is a registered trademark of Industrial Video & Control Co.. All other company names and products are trademarks or registered trademarks of their respective companies. All information provided is subject to change without notice. 12/1/2021

