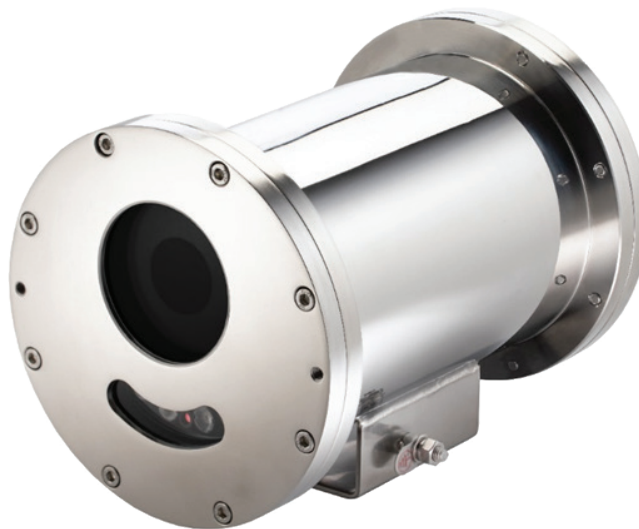


Industrial CID1 LWIR IP-Camera

AFV-3543-7

- Thermal imager for industrial process monitoring
- Rugged enclosure for harsh environments
- Stainless-steel enclosure
- IP-ready
- Certified for use in hazardous areas



The AFV-3543-7 is an IP network LWIR camera specially designed by Industrial Video & Control to operate in industrial environments.

The camera incorporates an uncooled vanadium oxide-based microbolometer sensor array.

In conjunction with the IVC Alarm Server Software, the AFV-3543-7 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.

A variety of thermal lens options are available to provide the field of view you need, from 48 to 12 degrees horizontal field of view.

The AFV-3543-7 is manufactured with a rugged stainless-steel enclosure and is certified for use in hazardous industrial environments that may contain combustible materials.

► specifications

Imager	640x512 VOx microbolometer
Spectral Range	8-14 μm
Pixel Pitch	17 μm
Thermal Sensitivity	NetD <40mK
Focus	Manual Focus
View Angle	(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), 110 VAC
Power Consumption	4W Max
Weight	26 lbs.
Operating Temperature	-20° C to 60° C
Dimensions	5.71" H x 5.51" W x 12.30" L
Mount	Wall mount standard
Enclosure	E1408
Enclosure Rating	NEMA 4X
Certifications	Class I Division 1, Groups B, C & D, T6

► ordering information

AFV-3543-X-L-V

-V	Voltage Required
PoE	802.3af PoE
110	110 VAC

-L	Lens	
9	8 mm	48° HFOV
15	15mm	29° HFOV
35	35 mm	12° HFOV

-X	Thermal Core
7	640x512 Radiometric LWIR

► accessories

SS-1013	Enclosure Sunshield
POE-102-I	IEEE 802.3af/at compliant PoE injector
MB-147-1	Pole Mount Kit
MB-147-2	Corner Mount

► 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.



189 Wells Avenue, Ste. 202 Newton MA 02459-3355 www.ivcco.com 617-467-3059

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