

CF-5212



FLIR *ioi* HD™

1.3MP HD Analytic Camera

Now you can...deploy FLIR HD broadcast-quality IP camera technology together with industry-leading, military-grade analytics from ioi. Together they're better. Enjoy the benefits of FLIR's high-resolution, low-bandwidth, predictable storage HD 720p camera, optimized for outdoor and extreme low-light surveillance conditions.

The ioi HD CF-5212 offers high sensitivity, 1.3MP, HD 720p resolution with WDR and integrated high-end analytic performance.

In addition to delivering pristine HD picture quality under low-light and high-contrast lighting conditions, this analytic IP camera saves time and money in lighting, installation and power consumption.

### HD broadcast-quality plus military-grade analytics

#### Detection Types\*

- Intrusion:
- Regional entrance
- Tripwire
- Fence trespassing
- Unattended baggage
- Object removal
- Stopped vehicle
- Loitering
- Camera tampering

Features	Benefits
<ul style="list-style-type: none"><li>• Reduced false alarm rates for people standing upright</li></ul>	<ul style="list-style-type: none"><li>• Depending on the required application, the system can differentiate between sophisticated detection of camouflaged or crawling intruders, versus people standing upright</li></ul>
<ul style="list-style-type: none"><li>• True/Shutter WDR (multi-exposure)</li></ul>	<ul style="list-style-type: none"><li>• Superior quality under diverse lighting conditions at low bandwidth lowers the Total Cost of Ownership (TCO)</li></ul>
<ul style="list-style-type: none"><li>• Increased detection distance</li></ul>	<ul style="list-style-type: none"><li>• Fewer cameras needed to cover the same area</li></ul>
<ul style="list-style-type: none"><li>• Integrated web setup</li></ul>	<ul style="list-style-type: none"><li>• Easy, intuitive setup of the camera and analytic behavior</li></ul>
<ul style="list-style-type: none"><li>• Supports relay events triggered by analytics e.g. activate a siren or turn on lights</li></ul>	<ul style="list-style-type: none"><li>• Integrates with any relay device and/or ONVIF event with other VMS platforms.</li></ul>
<ul style="list-style-type: none"><li>• Auto-calibration</li></ul>	<ul style="list-style-type: none"><li>• Fast, easy auto-calibration reduces installation time and manpower requirements.</li></ul>
<ul style="list-style-type: none"><li>• PoE</li></ul>	<ul style="list-style-type: none"><li>• Single cable infrastructure supports both network and power connections</li></ul>
<ul style="list-style-type: none"><li>• ONVIF Profile S compliant</li></ul>	<ul style="list-style-type: none"><li>• Integration with other VMS platforms.</li></ul>

\* An additional license is not required. It is possible to simultaneously run rules for five intruders, tampering, and loitering, or one unattended baggage or one stopped vehicle rule.

## General Specifications

Camera	
Image Sensor	1/3" 1.3 Megapixel Progressive Exmor CMOS
Effective Pixels (H x V)	1280 x 1024
Sensitivity	Color: 0.1 lux@f1.4 B/W: 0.05 lux@f1.4 @ 15 FPS, 36dB max. gain
Operation	
Video Resolution	HD 720p
Video Compression	H.264, MJPEG
Video Streaming	30FPS @ 1280 x 1024 @ H.264
Backlight Compensation	On/Off
Bandwidth	Configurable 64Kbps - 8Mbps
Digital Slow Shutter (DSS)	1/15 to 1/10,000 with up to 32x sensitivity boost in color or night mode
Day/Night Mode	Auto/On/Off
Mechanical IR Cut Filter	Yes
AGC Control	Auto/Manual
White Balance	Auto
Noise Reduction	2DNR/3DNR
Wide Dynamic Range	True/Shutter (120 dB) and Digital
Bi-directional Audio	Line In/Line Out (not supported by Latitude)
Audio Compression	G.711/G.726
Alarm Input	1x 5V 10kΩ pull-up resistor
Alarm Output	1x Photo Relay Output 300V DC/AC
Event Notification	HTTP, FTP, ONVIF and Relay
Network	
Ethernet Interface	1x RJ45 10/100/1000Mbps (IEEE 802.3/802.3u/802.3ab)
Protocols	IPv4, TCP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, UPnP, IGMP, SNMP, ONVIF Profile S, NTP
Security	HTTPS, IP Filter, IEEE 802.1x
Internet Browser	Internet Explorer 8, 9, 10, and 11
Physical	
Dimensions (L x W x H)	125 x 82 x 52 mm/4.9 x 3.2 x 2"(without lens)
Weight	330 g (0.73 lb.)
Environmental	
Operating Temperature	-10° to 50°C (14° to 122°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)
Humidity	10% to 90% (non-condensing)
Electrical	
Power Source	12VDC/24VAC/POE (802.3af Class 0)
Power Consumption	8W
Regulatory	
Safety	UL, CE
Electromagnetic Interference (EMC)	FCC 47 CFR Part 15, Subpart B, Class A; CE Class A; RCM
Environmental	RoHS
Warranty & Regulatory	
Warranty	According to FLIR RMA Policy and Process Notice document
USA	UL, FCC Part 15 (subpart B, class A)
International	CE marked, EN55022-1998 class A, EN55024, RoHS

## Accessories

Part Number	Description
CF-L131-31	Lens 3.1 - 8 mm F1.2 5MP lens, auto iris, IR corrected
CF-L131-08-50	Lens 8-50 mm, F1.6, 1/2.7, 3MP, auto iris, IR corrected
CF-L131-08	Lens 8.0-80 mm, F1.4, 1/2, 5MP, auto iris, IR corrected
CF-L131-12	Lens, 12.5-50 mm F1.4, 1/2.7, 3MP, auto iris, IR corrected
CF-X200-01	Outdoor fixed camera, includes heater/blower and bracket mount
CF-X200-POLE	Pole mount for outdoor fixed box camera housing

Refer to lens selector guide for a complete list.  
Note: Lenses are not included and must be purchased separately  
\* Excluding countries where disallowed

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