

HD CF-5222

FLIR *ioi*<sup>™</sup>

## 2.1MP Full HD 1080p Analytic IP Camera



Now you can...enjoy the benefits of FLIR HD broadcast-quality IP camera technology together with industry-leading, military-grade analytics from ioimage. Together they're better.

Delivering low bandwidth and predictable storage, FLIR's HD 1080p camera delivers pristine picture quality in outdoor, low-light and high contrast lighting conditions. The result is significant cost savings in lighting installation and power consumption.

The ioi HD CF-5222 is FLIR's first HD camera that offers state-of-the-art ioi analytics capable of dealing with extreme lighting conditions in surveillance applications.

### **HD broadcast quality plus military grade analytics with the multiple detection applications\***

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

\* An additional license is not required. It is possible to simultaneously run (5) intruder, tampering and loitering rules, or (1) unattended baggage rule, or (1) stopped vehicle rule.

### **Features**

- Reduced false alarm rates for people standing upright
- True/Shutter WDR (multi-exposure)
- Increased detection distance
- Integrated web setup
- Supports relay events triggered by analytics
- Solo Setup
- PoE
- ONVIF Profile S compliant

### **Benefits**

- For applications that don't require sophisticated detection of camouflaged or crawling intruders, the system detects only people standing upright
- Superior quality under diverse lighting conditions at low bandwidth results in a lower Total Cost of Ownership (TCO).
- Fewer cameras needed to cover the same area
- Easy and intuitive setup of the camera and analytic behavior
- Integrates with any relay device, e.g. activate a siren or turn on lights. Can integrate ONVIF events with other VMS platforms
- Fast, easy set-up by one person reduces installation time and manpower requirements
- Single cable infrastructure supports both network and power connections
- Integrates with other VMS platforms

## Specifications

Camera	
Image Sensor	1/2.8" 2.1 Megapixel Progressive Exmor CMOS
Effective Pixels (H x V)	1920 x 1080
Sensitivity	Color: 0.2 lux@f1.4 B/W: 0.1 lux@f1.4 @ 15 FPS, 36dB max. gain
Operation	
Video Resolution	Full HD 1080p
Video Compression	H.264, MJPEG
Video Streaming	30FPS @ 1920 x 1080 @ 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 (96 dB) and Digital
Bi-directional Audio	Line In/Line Out
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

## 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

## Accessories

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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