

ioimage
by **dvitel**



ioimage HD CF-5222
2.1MP Full HD 1080p Analytic IP Camera

Now you can deploy DVTEL HD broadcast-quality IP camera technology together with industry-leading, military-grade analytics from ioimage. Together they're better. DVTEL broadcast quality IP camera technology with the power of industry-leading analytics from ioimage. Enjoy the benefits of DVTEL's high-resolution, low-bandwidth, predictable storage HD 1080p camera, optimized for outdoor and low-light conditions.

The ioimage HD camera offers high-sensitivity 2.1MP Full HD 1080p resolution with WDR and integrated high-end analytic performance. The ioimage HD CF-5222 camera is DVTEL's first HD camera that includes state-of-the-art ioimage analytics and is capable of dealing with the most extreme lighting conditions that are encountered in surveillance applications.

This ioimage HD camera delivers pristine HD picture quality under low-light and high-contrast lighting conditions - contributing to overall cost savings in lighting installation and power consumption.

FEATURE	BENEFIT
Reduced false alarm rates for people standing upright	For application who don't need sophisticated detection of camouflaged or crawling intruders, the system detects only people standing upright
True multi-exposure WDR with industry-leading Quasar HD image processing	Superior quality under diverse lighting conditions at low bandwidth with a lower total cost of ownership
Increased Detection Distance	Fewer cameras needed to cover the same area
Integrated web setup	Easy, intuitive setup of the camera and analytic behavior
Supports relay events triggered by analytics	Integrate with any relay device, e.g. activate a siren or turn on lights and used for ONVIF events to other VMS platforms
Solo Setup	Fast, easy setup by one person reduces installation time and manpower requirements
PoE	Single cable infrastructure that enables both network and powering capabilities
ONVIF Profile S Compliant	Integration with other VMS platforms

HD broadcast-quality plus military-grade analytics

Detection Types*

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

* No addition license required, allowing running 5 intruder, tampering & loitering rules in parallel, or one unattended baggage, or one stopped vehicle.

dvitel® *Now you can.*
VIDEO INNOVATION TO SECURE YOUR BUSINESS



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Specifications

Camera	
Image Sensor	1/2.8" 2.1 Megapixel Sony 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	Digital & Shutter (true 96 dB)
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, SMTP
Network	
Ethernet (IEEE 802.3/802.3u)	1x RJ45 10/100/1000 Mbps interface
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	PoE/12VDC/24VAC
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 3MP 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, 3MP, auto iris, IR corrected
CF-L131-12	Lens, 12.5-50 mm F1.4, 1/2.7, 3MP, auto iris, IR corrected
CF-X100-00	Indoor fixed mount bracket
CF-X200-01	Outdoor fixed camera housing - heater / blower includes 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