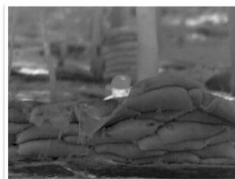


Thermal Bullet IN-T1300



- Waterproof IP66 Design
- Realtime 50/60Hz
- Resolution: 384x288
- Analog and IP
- ONVIF 2.0 + Pelco-D/P
- SD card (max. 16GB)
- POE and 12VAC
- Auto-Image-Enhancement
- 5x different lens options



Features & Benefit

IP Networking Thermal Camera

InMotion IP Network protocol support as well as industry-standard of ONVIF Protocol.



Local SD Card Backup

Some important sequence of still images can be stored in the SDHC memory card. This action can be configured to work with pre-post alarm event or a given interval.

Weather Proof Design

IP66 environment protection
Vandal-Proof design

Intelligent Thermal Module (inT330A)

- Intelligent Brightness & Contrast Algorithm inside
- Intelligent Image Enhancement Algorithm inside(IE)
- Built-on board optional (VPC/Camlink/image-Processing Board)
- Electric-magnetic shutter design, calibration time less than blink
- Customized splash screen



Specification

Detector

Resolution	384x288
Pixel Pitch	25μm
Spectral Range	8~14μm
NETD	≤50mk

Image processing

Frame Rate	50Hz/PAL, 60Hz/NTSC
Digital Zoom	x2, x4
Palette	8type(including B&W, B&W Inverse and other pseudo-color)
Image Flip	X direction/ Y direction/XY direction / Real-time image (4 types)
Startup-time	<5s
Startup-image	Customized
Noise Processing	Noise removal coefficient adjustable
AGC	Platform and linear confused AGC algorithm
Image Enhancement	Multi-level enhancement algorithm adjustable
BC Adjustment	Manual/semi-auto/auto bright and contrast

Network

OS	Embedded Linux
Video Compression	Triple Codec, H.264//MJPEG
Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Resolution	H.264 : D1/CIF
Frame Rate	Max.25/30 fps in D1/CIF
Local Storage	SDHC memory card (card not included)
Video Motion detection	Notification: FTP, e-mail, Alarm out, JPEG Recording on SD
Protocols Supported	ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
IPv6	TCP/IP, HTTP, HTTPS, DHCP
DDNS	Public DDNS services support: www.dyndns.com, www.no-ip.com
Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported	Windows 7, 8, Vista, XP, 2000

Detector						
Detector Material	Microbolometer UFPA (Uncooled Focal Plane Array)					
Resolution	384 x 288, 25µm					
Spectral Range	8µm/14µm					
Lens						
	inT1309 inT1315 inT1319 inT1325 inT1340					
Focus	9.6mm 14.8mm 19mm 25mm 40mm					
F#	0.8 1.0 1.0 1.0 1.0					
FOV	53° X41° 35.9° X 27.3° 28.3° X 21.4° 21.7° X 16.4° 13.7° X10.3°					
Man 1.8m X 0.5m	Detection	180m	300m	400m	500m	800m
	Identification	100m	150m	200m	250m	400m
Vehicle 2.3m X 2.3m	Detection	500m	700m	900m	1200m	2000m
	Identification	200m	300m	400m	500m	800m
Image						
Composite Video	PAL 50Hz /NTSC 60Hz					
Zoom	X2, X4					
Image Enhancement	HOR enhancement					
Bright/Contrast	Auto/Manual					
Focus	Focus free, athermal lens Auto/Manual					
Palettes	9 Palettes: B&W, B&W inverse, Blue-Red, Iron bow, Rainbow, High Contrast, Hot metal, Amber, Amber Inverted					
Power						
Power Input	DC:12V+I3V or PoE					
Environment						
Encapsulation	IP66					
Working Temp	-20° C- +60° C					
Storage Temp	-40° C- +60° C					
Humidity	5%o- 95%o, Non-condensing					
Physical Feature						
Connectors	Power, Video, RJ45, Audio in, Audio out, Alarm output					

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