

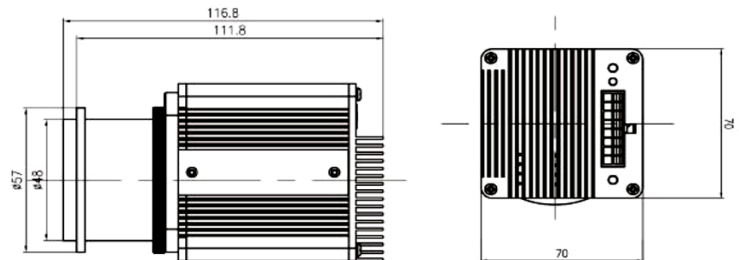
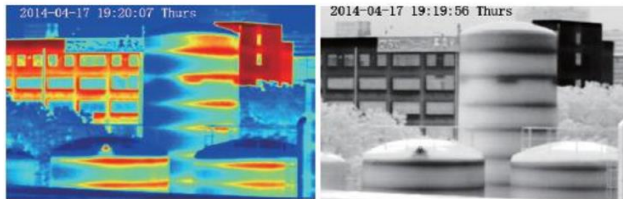


# Thermal Imaging Surveillance IP Camera

## IV-THB4200AT

### Features;

- . Non-cooling IR focal plane sensor
- . Response wavelength 8~14um, Pixels up to 420 x 315 pixels
- . Heat sensitivity, up to 50mK
- . Support 8/15/25/35/50 mm focal length
- . Support pseudo-color mode switching:  
Black hot / White Heat / Rainbow / on oxide red
- . Support DVE image enhancement features
- . Support Noise / mirroring
- . Supports H.264 BP / MP / HP / MJPEG optional four coding algorithms and compatibility
- . Real-time 3 yards stream output can meet local storage and network transmission of video
- . 1 channel audio input, 1 channel audio output, two-way voice intercom
- . Support Micro SD card local storage (max 32GB), can effectively solve the video lost due to network failure
- . Hardware watchdog, fault auto recovery
- . 3-Axis rotation adjustable bracket for easy installation adjustment
- . DC12V/POE



Specification		IV-THB4200AT
Detector	Detector Type	Non-cooling IR focal plane sensor
	Sensing Method	Microbolometer
	Pixel	420*315
	Pixel Pitch	25um
	Response Wavelength	8um~14um
	Thermal Sensitivity NETD	50mK
	Frame Frequency	50 Hz / 60Hz
Video Feature	Fixed-Focus Lens	8mm / 15mm / 25mm / 35mm / 50mm (optional)
	Focus Adjustment Method	Manual
	FOV	75.4o*54.4o/39.7o*29.8o/23.7o*17.9o/17o*12.8o/11.9o*9o
	F Value	1.0
	Valid Distance (body)	60m / 110m / 180m / 250m / 350m
Valid Distance (vehicle)	120m / 200m / 350m / 500m / 650m	
Temperature Measuring	Temperature Measuring Function	Allow users to set measuring point or area and show and detect temperature: point measuring (with mouse), area measuring (highest temperature), and full-screen measuring (highest temperature) (functioning as a temperature measuring and prewarning product)
	Temperature Measuring Alarm	Overtemperature prewarning, overtemperature alarm, temperature change trend alarm, and temperature difference alarm (functioning as a temperature measuring and prewarning product)

<b>Functional Feature</b>	<b>Polarity /LUT Mode</b>	Black hot/white hot/rainbow/ironbow
	<b>DVE Image Enhancement</b>	0~6 levels
	<b>Correction</b>	Manual / Auto / External
	<b>Noise Reduction</b>	Support,2D/3D
	<b>Contrast Adjustment</b>	1~4 levels
	<b>Mirroring</b>	Support
	<b>OSD Display</b>	Support
	<b>Image Feature</b>	<b>Output Image Resolution</b>
<b>Frame Rate</b>		30fps
<b>Encoding Feature</b>	<b>Video Compression</b>	H.264BP/MP/HP/MJPEG
	<b>Audio Compression</b>	G71,AMR,RAW_PCM
	<b>Multi-Code Stream</b>	Support
	<b>Code Rate Control</b>	CBR / VBR
	<b>Code Stream Scope Adjustment</b>	50Kb ~ 4Mb
<b>Network Features</b>	<b>Network Protocol</b>	IPv4/IPv6, RTSP/RTP/RTCP, TCP/UDP, HTTP, DHCP, DNS, FTP, DDNS, PPPOE, SMTP, SIP
	<b>Storage Communication Protocol</b>	CIFS, NFS
	<b>Web Management</b>	Embedded Web service, which can be viewed and configured through the IE explorer
	<b>Remote Upgrade &amp; Maintenance</b>	Support
	<b>Integration</b>	Support ONVIF / third-party protocol
	<b>Maximum User</b>	10
<b>Interface Features</b>	<b>Network</b>	RJ-45,10 / 100Base-T
	<b>Audio</b>	1 audio input and 1 audio output
	<b>Alarm</b>	2 alarm input and 2 alarm output
	<b>Analog Video Output</b>	BNC,750hm
	<b>PTZ Control</b>	RS485
	<b>SD Card</b>	Micro SD,HCSD card, MAX 32G
<b>System Function Features</b>	<b>Intelligent Alarm</b>	Motion detection alarm, I/O alarm, disk alarm
	<b>Heartbeat Mechanism</b>	Support
	<b>Storage</b>	Local storage, NAS storage, SD card storage
	<b>Privacy Masking</b>	Five areas can be set and the area size can be adjusted.
	<b>Character Display</b>	Time, date, channel number, channel name, and user-defined content
	<b>Security</b>	Password protection; in support of multi-level user group management; permission customization; one-button reset
<b>Physical Features</b>	<b>Reliability</b>	Watchdog for hardware and software; automatic fault rectification
	<b>Power Supply</b>	DC 12V / POE
	<b>Power Consumption</b>	5W
	<b>Operating Temperature</b>	-4°F ~ 122°F ( -20°C ~ 50°C)
	<b>Humidity</b>	RH90% MAX (Non-condensing)
	<b>Protection Level</b>	IP66
	<b>Dimension</b>	4.33" x 15.27"
<b>Weight</b>	4.19 lbs.	