

Thermal Imaging Features

SMART FUNCTIONS

- Temperature exception detection
- Linkage for audible alarm
- Linkage of white strobe light alarm

THERMAL IMAGING FUNCTIONS

- Uncooled sensor, resolution: 160 x 120
- Supports AGC4.0, DDE, and 3DNR
- Supports dual-light fusion image
- Supports visible light and thermal imaging frame over lay
- 15 pseudo colours: white, black, red, etc.

SYSTEM FUNCTIONS

- Dual-channel, single IP
- Dual-streaming
- PoE power supply
- IP66 protective level
- Operation temperature: 5°C to 40°C, <95% RH

INTERFACES

- 10M/100M self-adapting network interface
- Micro SD/Micro SDHC/Micro SDXC card (128G/256G) slot
- 1-ch alarm input/output
- 1-ch audio input/output
- 1-ch 12 VDC power input

Metal Detection Features

- Detection accuracy: metal in the size like a clip (or 1/2 clip) is detectable on the middle of the detector. Goods like Belt buckle can be excluded. Copper, aluminium, and zinc (over 150 g) , controlled knife, and gun are detectable
- Anti-interference: multiple detector can work abreast at the same time
- Multi-area alarm: Indicates the metal position on the body. Max. 18 areas
- Frequency settings: 100 frequencies can be set, and different ring tone for different frequency
- Sensitivity Settings: 255 level of sensitivity can be set
- People counting: display the number of walk-through people and people in alarm
- Positioning LED: LEDs on the sides of the detector for indicating the position of the prohibited goods.
- LCD screen
- Storing sensitivity parameters for different scenes for shortcut settings.
- Material: PVC shell

THERMAL IMAGING	Sensor	Vanadium oxide uncooled sensor
	Max Resolution	160 x 160
	Pixel Interval	17µm
	Response Waveband	8 to 14µm
	NETD	≤ 40mk(@25°C,F#=1.0)
	Lens (Focal Length)	3mm
	MRAD	9.44
	Field of View	50°×37.2°
	Min. Focusing Distance	0.5m
	Aperture	1.1
	Pseudo Colour	15, white heat, black heat, fusion1, rainbow, fusion2, iron oxide red1, iron oxide red2, puce, color1, color2, ice & fire, rain, red heat, green heat, and dark blue

**VISIBLE
LIGHT**

Sensor	4 MP 1/2.7" Progressive Scan CMOS
Resolution	2688×1520@25fps
Min. Illuminance	0.0018Lux @(F1.6,AGC ON) ,0 Lux with IR
Shutter Speed	1/3s to 1/100,000s
Focal Length	4mm
Field Angle	84.0°×44.8°
Day/Night Switch	ICR
WDR Range	120dB
IR Distance	Max. 15 m

IMAGE FRAME	Thermal imaging and visible light	Thermal imaging integrated with visible light frame
	Picture in picture	Supports visible light and thermal imaging frame over lay
	Smart information overlay	Supports (only temperature measurement rule and temperature are supported)
SMART FUNCTION	Linkage alarm	Linkage of strobe light and audible alarm
TEMPERATURE MEASUREMENT	Temperature exception detection	Expert mode: 10 pints, 10 frame, 21 rules on each line
	Body temperature measurement	AI face detection, multi-target detection
	Measurement range	30 to 45°C
	Temperature Alarm	Alarm triggered when the temperature is over the threshold
	Measurement accuracy	No black body:±0.5°C With black body: ±0.3°C
COMPRESSION	Video Compression	H.265/H.264/MJPEG
	H265	Main Profile
	H264	Baseline Profile / Main Profile / High Profile
	Video Bit Rate	32 Kbps to 8Mbps
	Video Standard	G.711/G.722.1/G.726/MP2L2/PCM
	Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-192Kbps(MP2L2)

STORAGE	SD card storage	Micro SD/Micro SDHC/Micro SDXC card (128GB or 256GB)
	NVR storage	(96/86/77/76) I series NVR Supports live view/playback, rule display, alarm report, and remote configuration
NETWORK	Main stream	Visible light: 50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) Visible light: 60Hz: 30fps (1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) Thermal Imaging: 25fps (160 × 120 (output 320 × 240))
	Sub-Stream	Visible light: 50Hz: 25fps (704 × 576), 25fps (640 × 480) Visible light: 60Hz: 30fps (704 × 480), 30fps (640 × 480) Thermal Imaging: 25fps (160 × 120 (output 320 × 240))
	Network Protocol	IPv4/ IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP, TCP,UDP,IGMP,ICMP,DHCP,PPPoE,Bonjour
	Interface Protocol	ONVIF(PROFILE S,PROFILE G),ISAPI,SDK,Ehome,GB28181
	Max Live View Channel Number	20
	User	Three level: administrator, operator, general user
	Safety Strategy	User and password authentication, HTTPS encryption, IEEE 802.1x control, IP address filtering

INTERFACE	Alarm Input	1, 0 to 5 V alarm input
	Alarm Output	1, NO relay output, alarm type configurable
	Audio Input	1, 3.5mm Mic in/Line in interface. Line input: 2-2.4V[p-p]
	Audio Output	1, 600Ω
	Reset Button	1
	Network Interface	1,RJ45 10/100M self-adaption
	RS-485 Interface	1
	SD Card Slot	1
	Client	iVMS-4200/HIK-CONNCT
	Browser	IE7+, Chrome18+, Firefox5.0+, Safari5.02+
GENERAL	Power Supply	110~240VAC, 50-60Hz
	Consumption	<72W
	Op. Temp. & Humidity	Speed dome: 5°C to 40°C, <95% RH Walk-through detector: -20°C to 85°C, 99%, RH
	Protective Level	Dome camera: IP66 Walk-through detector: IP53
DIMENSION	Detector Dimension (Without Dome Camera)	2200 x 850 x 480mm (H x W x D)
	Dome Camera Dimension	138.3 mm × 138.3 mm × 123.1 mm(H x W x D)
	Package Dimension	2270 x 700 x230mm(H x W x D)
WEIGHT	Net Weight	About 50Kg