Siera Electronics



PRO 6946IP-IVS

Dual-spectral Thermal Bullet Camera

Siera manufactures reliable and affordable solutions in Electronic Security, CCTV, Access Control, intercommunication and Professional Audio.

Featured specifications

- Uncooled VOx Micro bolometer with 256×192 resolution
- Thermal: 7mm fixed lens
- Visible: 8mm fixed lens
- Effective pixels 256×192
- Sensitivity < 50mK
- Support Human detection, Vehicle detection, IVS, People counting
- Support 3 temperature measurement rule types (Spot, Line, Area)
- Image processing technology: DVE, 3D DNR, Defog, WDR
- Smart IR distance up to 35m
- Support sound-light alarm

WARRANTY 3 YEARS

THERMAL CAMERA	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	256×192, Image can be scaled up to 704×576
Pixel Size	12um
Spectral Range	8~14um
Thermal Sensitivity (NETD)	< 50mK
Image Setting	Brightness/Sharpness/Contrast/Mirror/FFC/3D DNR
Color Palettes	17 (White-hot/Black-hot/Rainbow/Ironbow etc.)
Lens Type	Fixed, F1.1
Focus Control	Free focus
Focal Length	7 mm
Angle of View	H: 56°, V: 42°
Detection Distance Fire (1m*1m)	133m
Detection Distance Man(1.8m*0.5m)	133m
Detection Distance Vehicle(4m*1.5m)	408m
Recognition Distance Fire (1m*1m)	44m
Recognition Distance Man(1.8m*0.5m)	33m
Recognition Distance Vehicle(4m*1.5m)	102m
VISIBLE CAMERA	
Image Sensor	1/2.8" Sony CMOS
Effective Resolution	1920(H)×1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Wide Dynamic Range	True WDR 120dB
Min. Illumination	Color: 0.1Lux @(F1.2, AGC ON) B/W: 0.01Lux @(F1.2, AGC ON)
S/N Ratio	More than 55dB
Focal Length	8 mm
Angle of View	H: 84°, V: 45°
VIDEO AND AUDIO	
Frame Rate	Main Stream: Visible: 1920×1080/1280×720 @25/30fps Thermal: 704×576 @25/30fps Sub Stream: Visible: D1/VGA/640×360/CIF/QVGA @25/30fps Thermal: CIF @25/30fps

Siera reserves the right to apply changes on the specifications of the products at any moment without prior notice.
The picture and images are as reference only, the product can vary from reality. Siera is a trademark belonging to the Siera Holding Group.

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Bit Rate Control	CBR/VBR
Bit Rate	Main Stream: Thermal: 100Kbps~6Mbps Visible: 100Kbps~12Mbps Sub Stream: Thermal: 10Kbps~1.5Mbps Visible: 10Kbps~6Mbps
Region of Interest	Off / On (8 Zone, Rectangle)
Digital Zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Off / On (4 Area, Rectangle)
DVE Image Enhance	Support
Audio Compression	G.711: 8kbps, RAW_PCM: 16kbps
SMART FUNCTION	
Smart Function	Temperature detection & alarm, human detection and vehicle detection
IVS	Line crossing, Intrusion, Region entrance, and Region exiting
Sound-light Alarm	Support white light flashing and horn warning
Temperature Measurement	Support 3 temperature measurement rule types (Spot, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2oC / ±2%
Response Time	≤ 30ms
Temperature Measurement Range	-15°C ~ 150°C (5°F ~ 302°F)
NETWORK	
Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP ,802.1x
Interoperability	ONVIF
Max. User Access	10 Users
Edge Storage	Local PC for instant recording Micro SD card up to 256GB
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Web Language	English, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian
INTERFACE	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out
Alarm	2ch Alarm In,2ch Alarm Out
RS485	Support
BNC Output	Support
Reset Button	Support
GENERAL	
Power Supply	DC12V/DC24V/POE (IEEE 802.3af)
Power Consumption	Max 12W
Working Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Conditions	0 ~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	303×95×107 mm (11.93 × 3.74× 4.21 inch)
Net Weight	1 Kg (2.2 lb)

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