



SEC-THERMALBISPEC

Thermal Imaging Camera

- On-board temp-detection algorithm
- Effective pixels 256x192
- Sensitivity $\leq 65\text{mK}$
- Wide-angle lens
- Support 3 temperature measurement rule types (Spot, Line, Area)
- 17 color control
- DVE image enhance
- Multi-bracket easy to install

Thermal Camera	
Detector Type	Uncooled IRFPA Microbolometer
Effective Pixels	256(H) x 192(V)
Thermal Sensitivity (NETD)	$\leq 65\text{mK}$ @F1.0, 300K
Spectral Range	8~14 μm
Image Setting	Polarity LUT/ DVE/ Mirror/ FCC/ /3D DNR Brightness/Contrast/ ROI
Color Palettes	Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes
Lens Type	Fixed
Focus Control	Manual Focus
F No.	F1.0
Angle of View	H: 95°, V:75°
Visible Camera	
Image Sensor	1/2.8" Sony CMOS
Effective Resolution	1920 (H)x1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Min. Illumination	Color: 0.01Lux @(F1.2, AGC ON), B/W: 0.1Lux
S/N Ratio	More than 55dB
W-LED	1pcs
Max Aperture	F2.0
Angle of View	H: 136.2°, V: 77.3°
Focus Control	Fixed
Video and Audio	
Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible: 1920x1080/1280x720 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/640x360/CIF/QCIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Thermal: 100Kbps~6Mbps Visible: main stream: 500Kbps~10Mbps; sub stream: 100Kbps~6Kbps
Digital Zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Support
DVE Image Enhance	Off / On (4 Area, Rectangle)
Intelligence	
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed

Temperature Detection	
Temperature Detection	Support 3 temperature measurement rule types (Spot, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	$\pm 2^{\circ}\text{C}$ / $\pm 2\%$
Response Time	$\leq 30\text{ms}$
Temperature measurement range	-40°F~-302°F (-40°C~150°C)
Temperature display mode	Temperature target $> 5^{\circ}\text{C}$, Display absolute temperature value, Temperature target $\leq 5^{\circ}\text{C}$, Display relative temperature value (temperature difference DEV = highest value - average)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocols:	IPv4/IPv6, HTTP, RTSP, RTP, RTCP, TCP, UDP, DHCP, DNS, PPPOE, SMTP, SIP
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	Local PC for instant recording, Micro SD card 128GB
Web Viewer	<IE11, Chrome, Firefox
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio	N/A
Alarm	1ch Alarm Input, 1ch Alarm Output
RS485	Support
USB Interface	Support
BNC Output	Support
Reset Button	Support(Built-in)
General	
Power Supply	DC12V $\pm 10\%$
Power Consumption	Max 10W
Working Temperature	-4°F~140°F (-20°C~60°C)
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	2.48 x 1.69 x 3.62 inch (63 x 43 x 92mm)
Net Weight	.99lbs (450g)

Ordering Information

SEC-THERMALBISPEC: Thermal Imaging Camera

DISCLAIMER: InVid Tech products are not medical devices and cannot diagnose coronavirus infection. When configured correctly, the InVid Tech products discussed here can identify individuals showing higher than average temperature relative to a sample population. Only a licensed medical professional can determine if a "hot" individual is experiencing an abnormal medical condition. InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.