IP

5MP Dual Lens AI Thermal Camera with Advanced Analytics and Digital Deterrent®, NDAA Compliant

O5TMLB1

3mm Thermal/4mm optical fixed lens, white housing

Features

- Captures up to 5MP @ 30fps (optical)
- 256x192 Thermal resolution
- IR range: 98'
  (depending on scene reflection)
- True WDR operation
- Micro SD card slot (card not included)
- Conformant with ONVIF Profiles G, S, T

- IP67 Weather Resistance
- Detects people and vehicles thermally and optically*
- Detect and recognize faces*
- Thermally Detects Fire
- Junction box included
- 1 year warranty

IR 5MP THERMAL DAY NIGHT PoE IP67 AI TRUE WDR

Optical Camera Specifications

Image Sensor	Progressive scan 1/2.7" CMOS, 5MP
Maximum Resolution	2592 x 1944
Field of View	81°(H), 56.7°(V)
Minimum Illumination	0.02 lux @ F1.6, 0 lux (IR LED on)
Day/Night	Smart IR
White Balance	Auto, Indoor, Outdoor, Manual
Compensation	True WDR (120dB), BLC, HLC
Electronic Shutter Speed	1/3s ~ 1/100000s
DNR	3D DNR

Optical Video Specifications

Main Resolution	5MP/4MP/2K/3MP/1080P/720P (1~30fps)
Sub Stream	720P/D1/CIF (1~30fps); 50Hz: 720P/D1/CIF (1~25fps)
Third Stream	D1/CIF/480 x 240(1~30fps)
Compression	H.265, H.264, MJPEG
Bitrate Control	VBR, CBR (128Kbps ~ 8Mbps)
Multiple Streaming	3 streams

Network Specifications

Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTP, HTTPS
DDNS support	Speco DDNS (free of charge)
Security	User ID & Password protection, IP/Mac address filtering, digest authentication
User Access	Max. 10 simultaneous users, Actual number of users may vary depending on bandwidth

System Specifications

PoE	Standard (IEEE 802.3af)
Analytics (Optical)	Motion detection, region entrance/exiting/intrusion detection (people/vehicle classification), line crossing detection (people/vehicle classification), video tampering detection, scene change detection, face detection.
Analytics (Thermal)	fire detection, temperature exception alarm, intrusion detection/line crossing detection (human/motor vehicle classification)
Alarm Triggers	Analytics, SD card error
Alarm Events	FTP upload, email upload
Image Settings	Watermark, IP address filtering, video mask, password protection

Interfaces

Ethernet	10/100 Mbps (PoE)
Power	DC jack
Microphone Input	3.5mm
Card Slot	MicroSD, up to 256GB (not included)
Alarm	1 ch input/1 ch output
Reset	Yes

Audio Specifications

Protocol	G.711A / G.711U
Audio Input	Mono 3.5mm MIC,LIN in audio input
Audio Output	Built-in speaker

Client Specifications

Web Browser Support	Edge, Chrome, Safari, Firefox, Internet Explorer
PC Application	SecureGuard® VMS and SecureGuard® CMS
Mobile	Speco Blue App, SecureGuard® Mobile (iPhone® and Android™)

Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	9W (max)
Operating Temperature	-22°F - 140°F
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	2.9" (W) x 2.9" (H) x 6.6" (D)
Unit Weight	1 lb.
Certifications	FCC, RoHS

Digital Deterrent®

Built-in white flashing LED and audio alarm supported

ONVIF® | GST   NDAA COMPLIANT   BLUE SERIES

speco technologies

Thermal Camera Specifications

|	
Detector Type	12Qm 256x192 Vanadium oxide uncooled focal x plane detector
Resolution (all streams)	256x192 (the resolution of output image is 720P) (1-30fps)
NETD	≤50mK(@25°C, F#=1.0)
IRIS Type	Fixed Iris
Lens	3.2mm@F1.1
Field of View	56°(H) x 42.2°(V)
Min. Focusing Distance	0.5m
Color Palettes	Black hot, White hot, iron oxide red, etc.
DRI Distance (Person)	Detection: ~436ft, Recognition: ~108ft, Identification: ~56ft
DRI Distance (Vehicle)	Detection: ~1342ft, Recognition: ~335ft, Identification: ~167ft

Thermal Functions

Temperature Range	-20°C-150°C (-4°F~302°F)
Temperature Accuracy	±8°C
Temperature Alarm	Over temperature alarm, low temperature alarm
Temperature Measurements	10 rules in total (Points: up to 10, Line: 2, Area:2, (recommended)
Fire Detection	Dynamic fire detection, up to 10 fire points detectable
Temperature Range	-20°C-150°C (-4°F~302°F)
Temperature Accuracy	38°C
Temperature Alarm	Over temperature alarm, low temperature alarm
Temperature Measurements	10 rules in total (Points: up to 10, Line: 2, Area:2, (recommended)

Optional Accessories

POEINJ
25.5W
PoE Injector

PSW5
12VDC
Power Supply

CMT1
Corner Mount

PMT1
Pole Mount

CLTX1
Ceiling Mount
4" Extension

CLTX2
Ceiling Mount
8" Extension

CLT2J
Ceiling Mount

O5VLWMJ
Wall Mount

Cameras Interfaces

3.5mm Audio In **DC 12V** **RJ45 PoE** **Alarm In/Out** **MicroSD** Up to 256GB

*with compatible Speco recorder
**Products are in compliance with NDAA Section 889 Part B Guidelines

Onvif® | GST   NDAA COMPLIANT   BLUE SERIES