SG19T500D

640 x 512, Uncooled Thermal

THERMAL VOx SENSOR

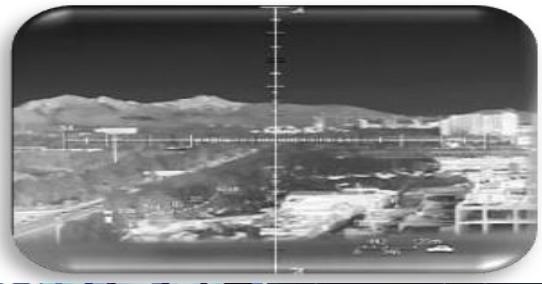
ONVIF S

Key Features

Dual Sensor, Uncooled Thermal Technology
Dual-FOV, Thermal: 38-190mm,
640×512 Resolution, 14μm
Visible Lens: 8-500mm
5th generation Vox Detector, 40MK NETd, higher sensitivity, better video quality, less Affected by fog, rain, and snow.

Support intelligent functions such as cross-border/intrusion detection and target tracking to enhance unmanned duty with Integrated Offline Maps.

***Detection Distances may vary as per Humidity & Fog Levels.**



Specifications

IP Thermal Camera

Model	SG19T500D
Recognition	Boat: 11kms (Alarm and Tracking distance)
Thermal Camera System	
Detector	Uncooled VOX sensor, 8~14μm, LWIR, Pixel Size: 12μm, NETd: 40mk
Resolution	640*512 resolution
Image Enhancement	SDE digital image enhancement technology, Range Ruler
Pseudo-color polarity	16 kinds of pseudo-color images, hot black/hot white, AGC
Digital Zoom	1X~8X continuous digital zoom
Strong light protection	Support Anti-Sun damage
Focal length	38mm～190m, 5X Optical zoom, auto focus. FOV: 11.5°×9.2°～2.3°×1.9°
Daylight Camera System	
Focal Length	8~500mm
Zoom	62X zoom, auto focus
Sensor	2 Mega Pixel Full HD, Ultra-low illumination starlight CMOS
Low Illumination	Color: 0.005lux/Black and White: 0.0001lux
Image process	Glare suppression,3D digital noise reduction, WDR, Defog
Laser Illumination	
Consumption	15W 810nm military NIR
Laser Angle	0.5~20°
Video/Audio	
Video encoding	H.265/H.264/MJPEG, multi-stream support
Video rate	32Kbps～16Mbps
Audio encoding	G.711A/ G.711U/G726
OSD settings:	Support OSD Channel Name, Time, FOV, focal length
Intelligent Function	
Intelligent Analysis	Intrusion Detection, Entering/Leaving Area Detection
Intelligent fusion	Enabled
Strong Light Protection	Support, anti sunburn
Day and night cruise	Day and night group cruise in different preset groups
Housing	Aluminum alloy shell. PTA three-resistance coating, Seawater corrosion resistance
Special Design	Built-in thermostat, designed for thermal equilibrium
Interface	Aviation waterproof plug
PTZ	
Load capacity	50kg
Rotation	Pan: 0~360°, Tilt: +45°～-45°
Speed	Speed：Pan: 0.01～30°/S, Tilt: 0.01～15°/S
Preset	Preset: 255, with Petrol/scan function
Interface	RJ45 Interface
Video format	H.264, Dual video output
Protocol	TCP/IP,RTP etc. ONVIF-2, Pelco-D, Pelco-P
Power supply	AC24V/DC24V±10%, 50Hz, 150W, Standard AC220V->AC24V
Environment	Operating temperature：-25℃～+60℃ Humidity：<90% Anti-lighting：built-in auto Fuse-protected device, Power 4000V, Signal 2000V Ingress protection：IP67

SG30T800D

640 x 512, Uncooled Thermal

THERMAL VOx SENSOR

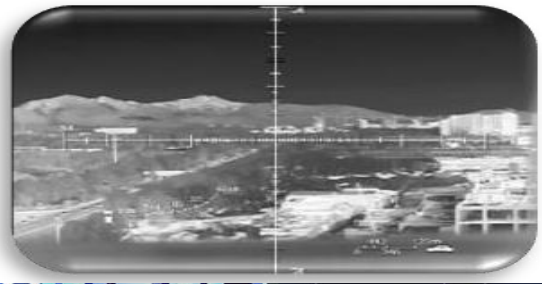
ONVIF S

Key Features

Dual Sensor, Uncooled Thermal Technology
Dual-FOV, Thermal: 30-300mm,
640×512 Resolution, 12μm
Visible Lens: 11-800mm
5th generation Vox Detector, 40MK NETd, higher sensitivity, better video quality, less Affected by fog, rain, and snow.

Support intelligent functions such as cross-border/intrusion detection and target tracking to enhance unmanned duty with Integrated Offline Maps.

***Detection Distances may vary as per Fog & Humidity Levels**



Specifications

IP Thermal Camera

Model	SG30T800D
Recognition	Boat: 20kms (Alarm and Tracking distance)
Thermal Camera System	
Detector	Uncooled VOX sensor, 8~14μm, LWIR, Pixel Size: 12μm, NETd: 40mk
Resolution	640*512 resolution
Image Enhancement	SDE digital image enhancement technology
Pseudo-color polarity	16 kinds of pseudo-color images, hot black/hot white, AGC
Digital Zoom	1X~8X continuous digital zoom
Strong light protection	Support Anti-Sun damage
Focal length	30mm～300m, 10X Optical zoom, auto focus. FOV: 14.6°*11.7°~1.5°*1.2°
Daylight Camera System	
Focal Length	11~800mm
Zoom	73X zoom, auto focus
Sensor	2 Mega Pixel Full HD, Ultra-low illumination starlight CMOS
Low Illumination	Color: 0.005lux/Black and White: 0.0001lux
Image process	Glare suppression,3D digital noise reduction, WDR, Defog
Video/Audio	
Video encoding	H.265/H.264/MJPEG, multi-stream support
Video rate	32Kbps～16Mbps
Audio encoding	G.711A/ G.711U/G726
OSD settings:	Support OSD Channel Name, Time, FOV, focal length
Intelligent Function	
Intelligent Analysis	Fire Detection, Intrusion Detection, Entering/Leaving Area Detection
Intelligent fusion	Enabled
Strong Light Protection	Support, anti sunburn
Day and night cruise	Day and night group cruise in different preset groups
Housing	Aluminum alloy shell. PTA three-resistance coating, Seawater corrosion resistance
Special Design	Built-in thermostat, designed for thermal equilibrium
Interface	Aviation waterproof plug
PTZ	
Load capacity	50kg
Rotation	Pan: 0~360°, Tilt: +45°～-45°
Speed	Speed ： Pan: 0.01～30°/S, Tilt: 0.01～15°/S
Preset	Preset: 255, with Petrol/scan function
Interface	RJ45 Interface
Video format	H.264, Dual video output
Protocol	TCP/IP,RTP etc. ONVIF-2, Pelco-D, Pelco-P
Power supply	AC24V/DC24V±10%, 50Hz, 150W, Standard AC220V->AC24V
Environment	Operating temperature ： -25℃～+60℃
	Humidity ： <90%
	Anti-lighting ： built-in auto Fuse-protected device, Power 4000V, Signal 2000V
	Ingress protection ： IP67

SG1KCT1KD

640 x 512, Cooled MCT Thermal

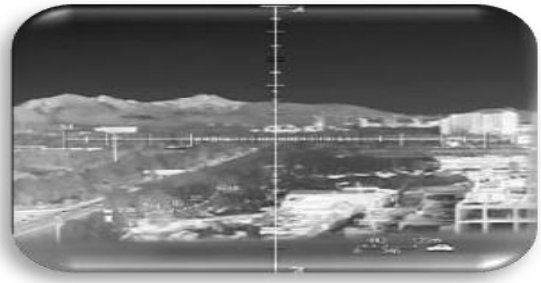
ONVIF S

Key Features

Dual Sensor, Cooled Thermal Technology
Dual-FOV, Thermal: 90-1100mm, 10x Optical zoom
640×512 Resolution, 4.8μm, Higher Sensitivity
Noise Equivalent Temperature Difference 20MK
Visible Lens: 12-1000mm
FPA MCT(Focal Plane Array, Mercury-Cadmium-Telluride) Detector for Long Range Distance

Support intelligent functions such as cross-border/intrusion detection and target tracking to enhance unmanned duty with Integrated Offline Maps.

*** Detection Distance may vary as per Fog & Humidity Levels**



Specifications

IP Thermal Camera

Model	SG1KCT1KD
Recognition	Boat: 40KM (Alarm and Tracking Distance)
Thermal Camera System	
Detector	FPA MCT detector, Spectral Range: 3.7~4.8μm, NETd: 20MK
Cooling	Stirling cryocooler
Resolution	640*512, Pixel Size: 15μm*15μm
Lens / FOV	90mm – 1100mm 6.1°×4.9°～0.5°×0.4°
Image process	1. Starting time ≤ 8min @20℃ 2. Image enhancement: SDE digital image enhancement technology to enhance image details 3. Pseudo-color polarity: 16 kinds of pseudo-color images, hot black / hot white two polarities 4. Electronic zoom: 2×, 4×, 8x, support global synchronous display 5. NUC correction: automatic / manual correction, background correction
Enhancement	Protection from strong light, Sunburn protection
Intelligent Analysis	Intrusion Detection, Auto Track
Daylight Camera System	
Visible camera sensor	2MP Full HD, 1/1.8'' CMOS 0.0002lux super high sensitive color to B/W CCD H.264/MPEG4, Automatic ICR switch, 32Kbps~16Mbps
Visible camera lens	12~ 1000mm lens, 83X zoom, auto focus
PTZ structure	1.Wind resistance: spherical, multi-dimensional free-form surface shape, small wind resistance, strong anti-shake, anti-33m/s strong wind. Upper & Lower Split Design
Rotation	Pan: 0~360°, Tilt: +45°～-45°
Speed	Pan speed: 0.01°～80°/s 2. Tilt speed: 0.01°~60°/s
Patrol and Scan	Preset: 255, Path scanning: Preset point cruise, day & night cruise, line sweep, etc.
Protocol	1.TCP / IP, HTTP, DHCP, DNS, DDNS, RTP and other network protocols 2. Support ONVIF2.0 3. Pelco-P, Pelco-D and other industry-standard protocol, baud rate 2400,4800,9600,19200
Power supply	AC90V~305V to DC48V Turntable rotation power can be controlled in 120W Maximum power consumption 180W
Environmental Indicators	1. Working temperature: -40 ℃ ~ + 60 ℃ 2. Storage temperature: -45 ℃ ~ + 70 ℃ 3. Humidity: <90% 4. Protection: IP66