



Smart Thermische Catalogus Januari 2026



Perimeter
Bescherming



Brand
Bescherming



Temperatuur
metingen



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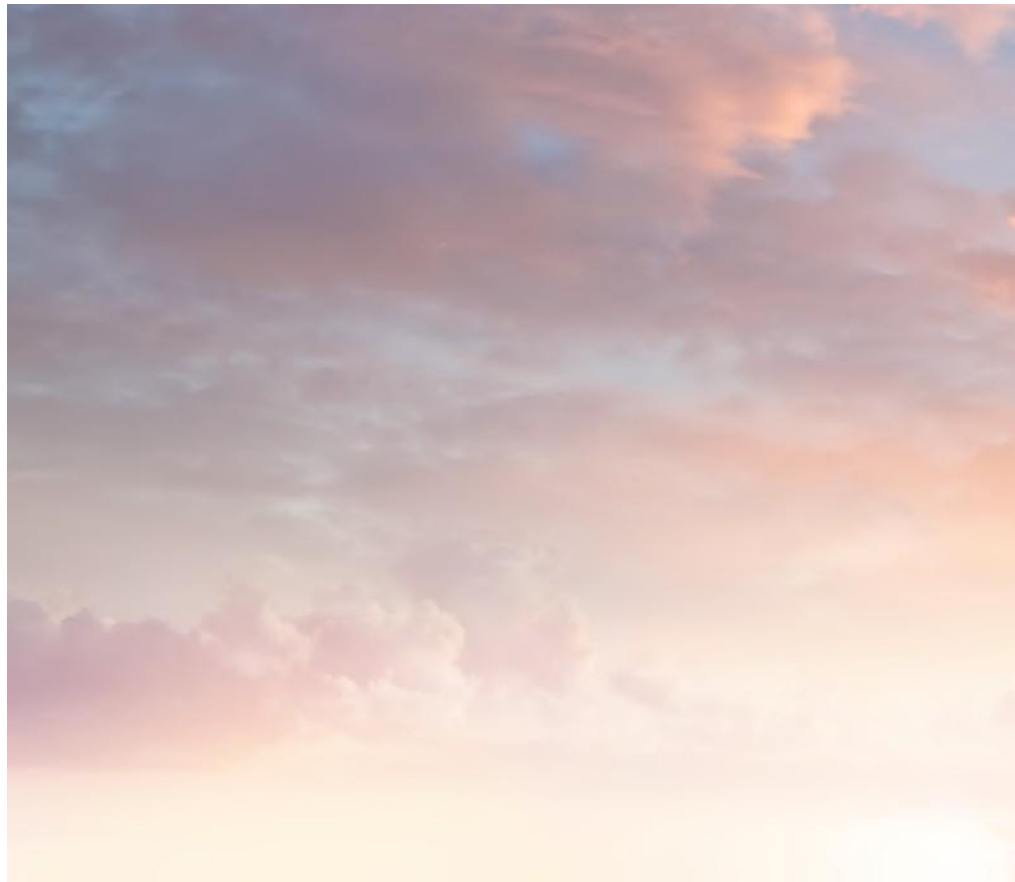
Producten

38

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42

Smart Thermische Familie



DSI/Sunell Bedrijfsprofiel

DSI/Sunell Technology is een toonaangevende leverancier van intelligente video-oplossingen wereldwijd, met een Europees hoofdkantoor in Leipzig en meerdere kantoren over de hele wereld. In 2012 lanceerde Sunell Technology zijn eerste warmtebeeldcamera en heeft nu verschillende productlijnen, waaronder 640 x 512/400 x 300/256 x 192.

De warmtebeeldcamera's van Sunell voldoen niet alleen aan de behoeften van uiterst nauwkeurige temperatuurmetingen, maar ondersteunen ook verschillende diepgaande algoritmen voor leerprocessen om te voldoen aan de vereisten voor perimeterinbraak en brandpreventie binnen en buiten, waardoor echt multifunctioneel gebruik wordt bereikt.

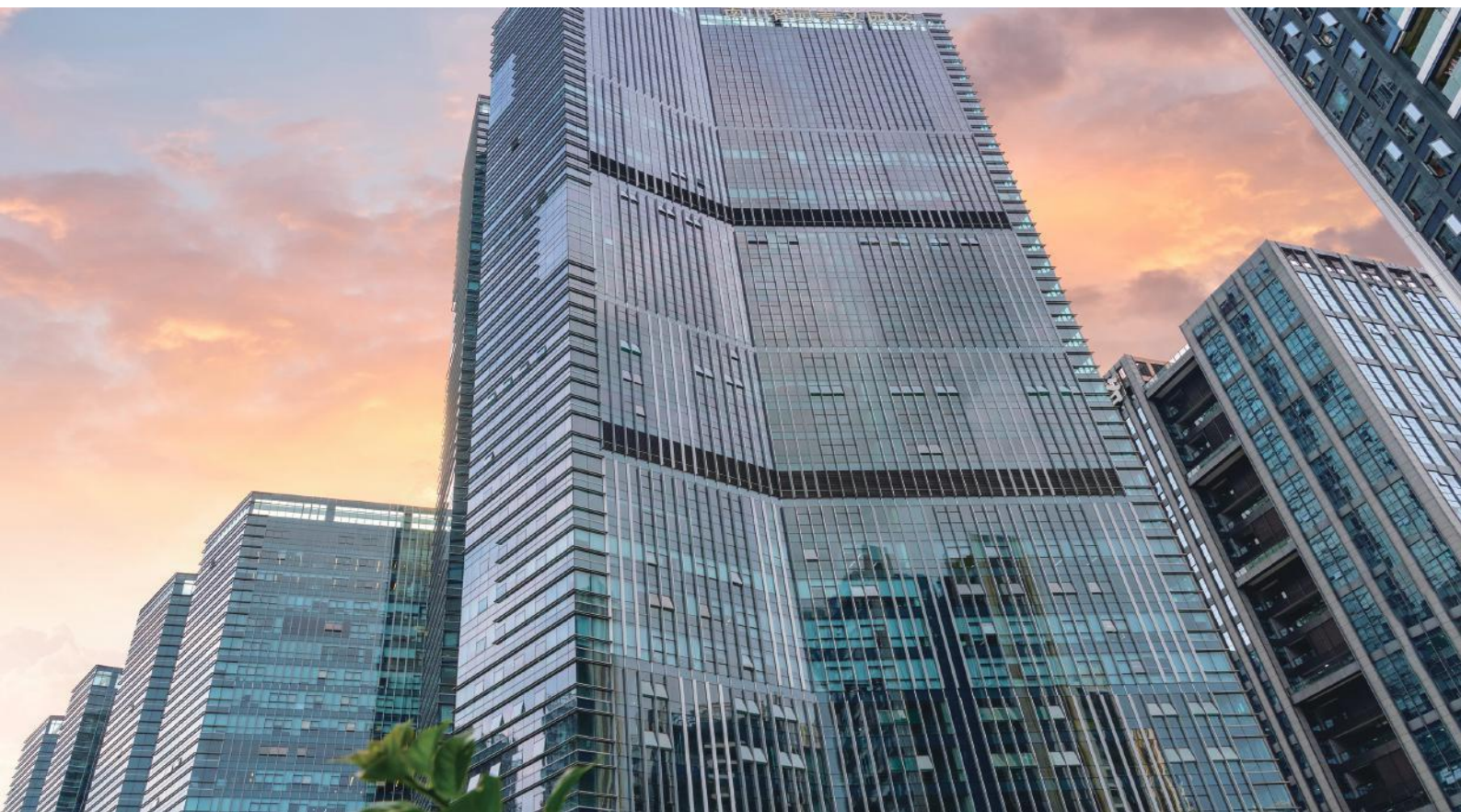
Onze Bi-spectrumcamera's en een reeks thermische camera's zijn VdS3189, CNPP en NEN 2535 gecertificeerd.

Voor grootschalige projectvereisten beschikt Sunell over krachtige managementplatformsoftware die klanten verschillende branche specifieke oplossingen kan bieden. Bovendien zijn de camera's geïntegreerd in verschillende VMS- en PSIM-platforms. De camera's uit de Thermal en Bi-spectral serie zijn speciaal ontworpen om onder alle omstandigheden te werken en beeld weer te geven. De camera's hebben een thermische en/of visuele lens aan boord met verschillende afmetingen.

De camera's kunnen hitte en rook herkennen over een afstand van 292 meter (1x1 m), maar ook voertuigen en mensen. Naast deze analytische zaken zijn er nog 8 andere AI-oplossingen aan boord.

Ideaal voor recyclingbedrijven maar ook voor zonneparken die vaak niet verzekerd zijn tegen brand en/of diefstal. Maar ook tankstations en parkeergarages gebruiken deze camera vaak om de laadpalen van elektrische auto's te monitoren en tijdig alarm te krijgen bij een temperatuurstijging.

DSI/Sunell, “AI + Bi-spectrum” provider of intelligent video solutions!



Sunell Thermische Specials en Certificaten

Al onze camera's worden geleverd met 7 jaar volledige garantie, zijn voorzien van een malwaretag (firma- en software gecontroleerd op malware), SRTP-encryptie aan boord.

De producten worden geproduceerd met alleen maar Europese toelevensciens. Wij maken gebruik van de volgende leveranciers: NXP SOC, OPHIR Optronics-lenzen. De behuizing is gemaakt van Dillux Steel en gespoten met Sikkens Rubol Paint. Onze stroom- en PoE-materialen zijn van AAEON. Wij beschikken over onze eigen Microbolometer.



Maar dat is niet alles.

Wij zijn trots op onze producten en weten uit ervaring dat ze betrouwbaar en veilig zijn. Naast onze eigen ervaringen hebben wij de producten ook door derden laten testen en gekeken welke certificaten belangrijk zijn in de wereld waarin wij opereren.

Met deze certificeringen weet u dat ons product veilig is omdat de matrix en software door derden zijn getest partijen.

Voldoen onze producten aan de eisen die wereldwijd worden gesteld of gewenst zijn in een specifiek segment? In het kort? u bent verzekerd van een betrouwbaar en veilig product in de Verenigde Staten en Duitsland.



CE



FCC



RCM



BSMI



UL



FIPS140-2



TÜV



GS



VDS



NEN



EAC



KC



C-tick



TAPA



RoHS

NDAA

NDAA
Compliant



LGC



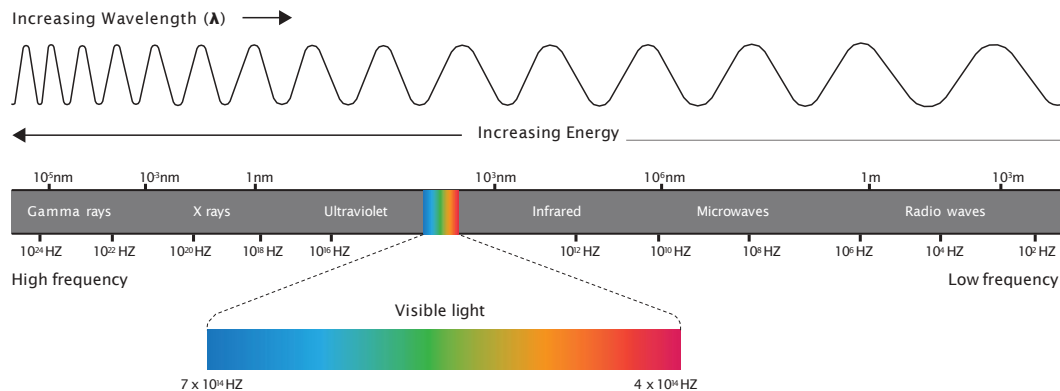
DGÜV



CNPP

Thermal Imaging

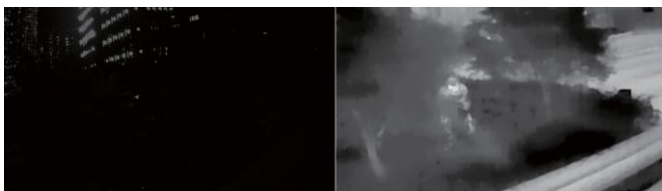
Elk object met een temperatuur boven het absolute nulpunt ($-273,15^{\circ}\text{C}$) zendt een detecteerbare hoeveelheid infraroodstraling (IR) uit, ook wel warmtestraling genoemd. Hoe hoger de temperatuur van een object, hoe hoger de intensiteit van het uitgezonden IR. Hoewel het menselijk oog het niet kan zien, kan de warmtebeeldcamera IR-straling van $8\sim 14\mu\text{m}$ detecteren en de onzichtbare IR “zichtbaar” maken. Het verschil in beelddetails komt overeen met de thermische verdeling op het oppervlak van het object, wat "thermische beeldvorming" is.



Eigenschappen

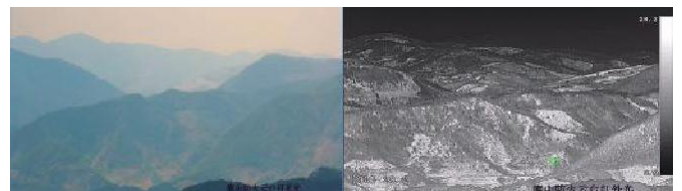
Scherp beeld zonder lichtbron

De warmtebeeldcamera vormt zonder zichtbaar licht een beeld met warmtestraling uit de omgeving. Langeafstandsdoelen worden er de hele dag duidelijk door gedetecteerd.



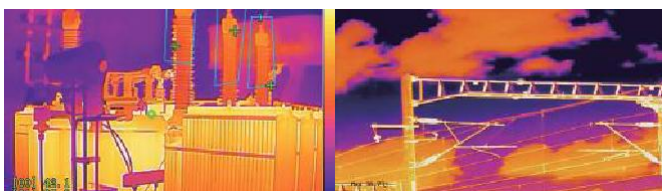
Uitstekende penetratie van wolken en nevel

Infrarode thermische straling dringt beter door in regen, sneeuw en nevel dan zichtbaar licht, zodat zelfs bij slecht weer heldere beelden kunnen worden gemaakt.



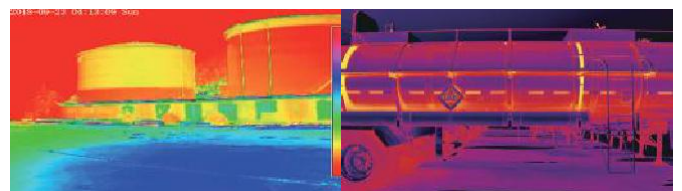
Contactloze temperatuurmeting

Thermische camera's meten nauwkeurig de oppervlaktetemperatuur van het object door IR-warmtestraling te kwantificeren zonder fysiek contact tussen de sensor en het doel.



Fout- en defectdetectie

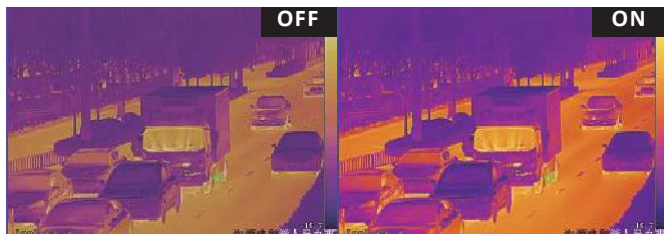
Als er een storing is opgetreden op het doel, zullen warmtebeeldcamera's dit op een directe manier ontdekken met behulp van contactloze en temperatuurmetingen over lange afstanden.



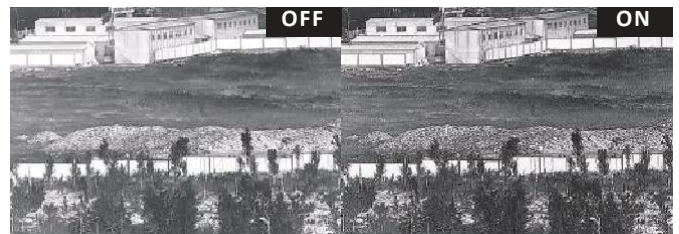
Basis Technologie

Hoge kwaliteit Beeldmateriaal

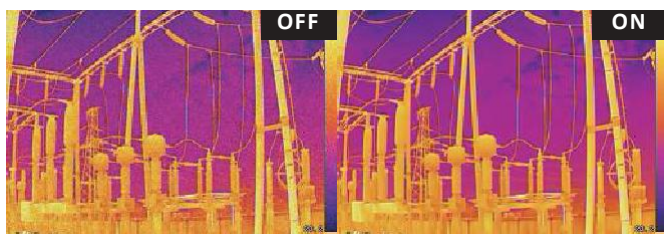
AGC (Automatic Gain Control)



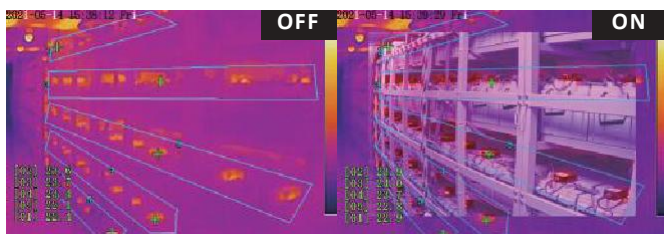
DDE (Digital Detail Enhancement)



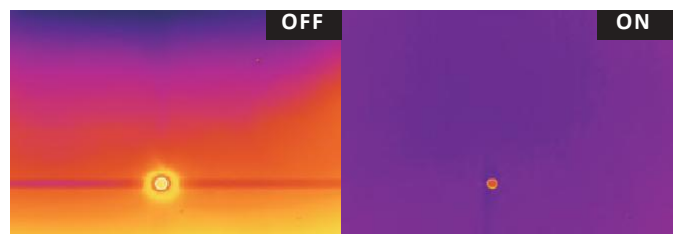
3D DNR (3D Digital Noise Reduction)



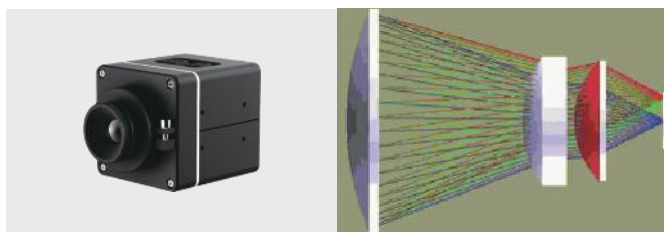
Bi-spectrum beeldfusie



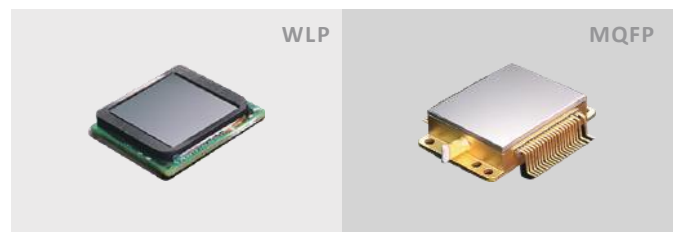
Automatische Inbrand Detectie



Passieve Athermalisatie

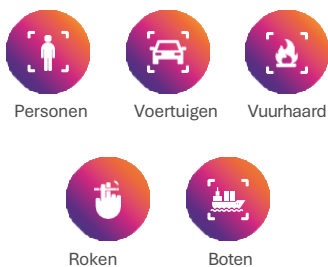


Hooggevoelige Vox-detector



Intelligente applicatie Mogelijkheden

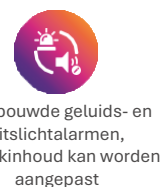
Deep Learning



Smart Event



Active Deterrence



Toepassingen met meerdere scenario's



Compabiliteit

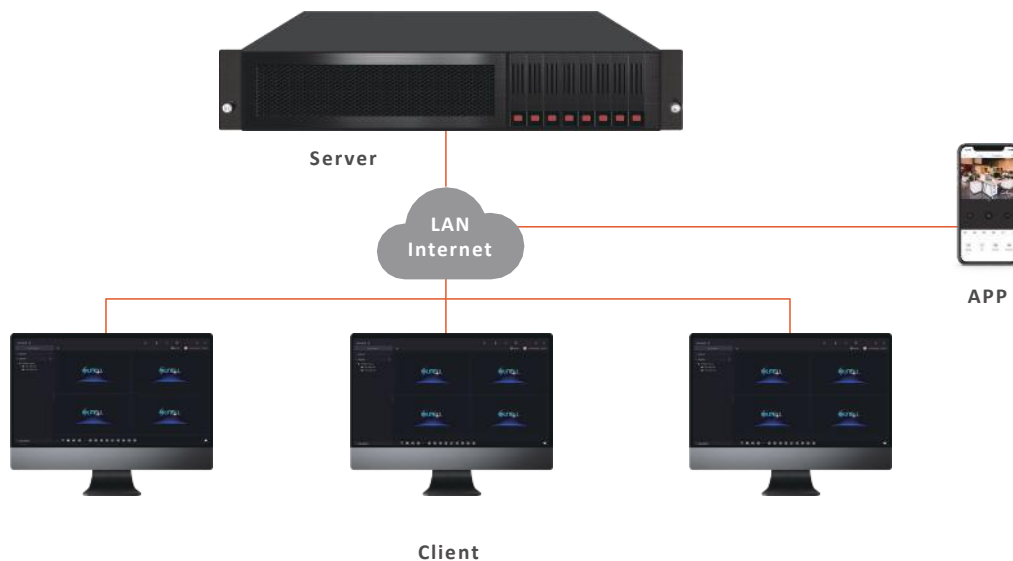


CGI SDK HTTP/API

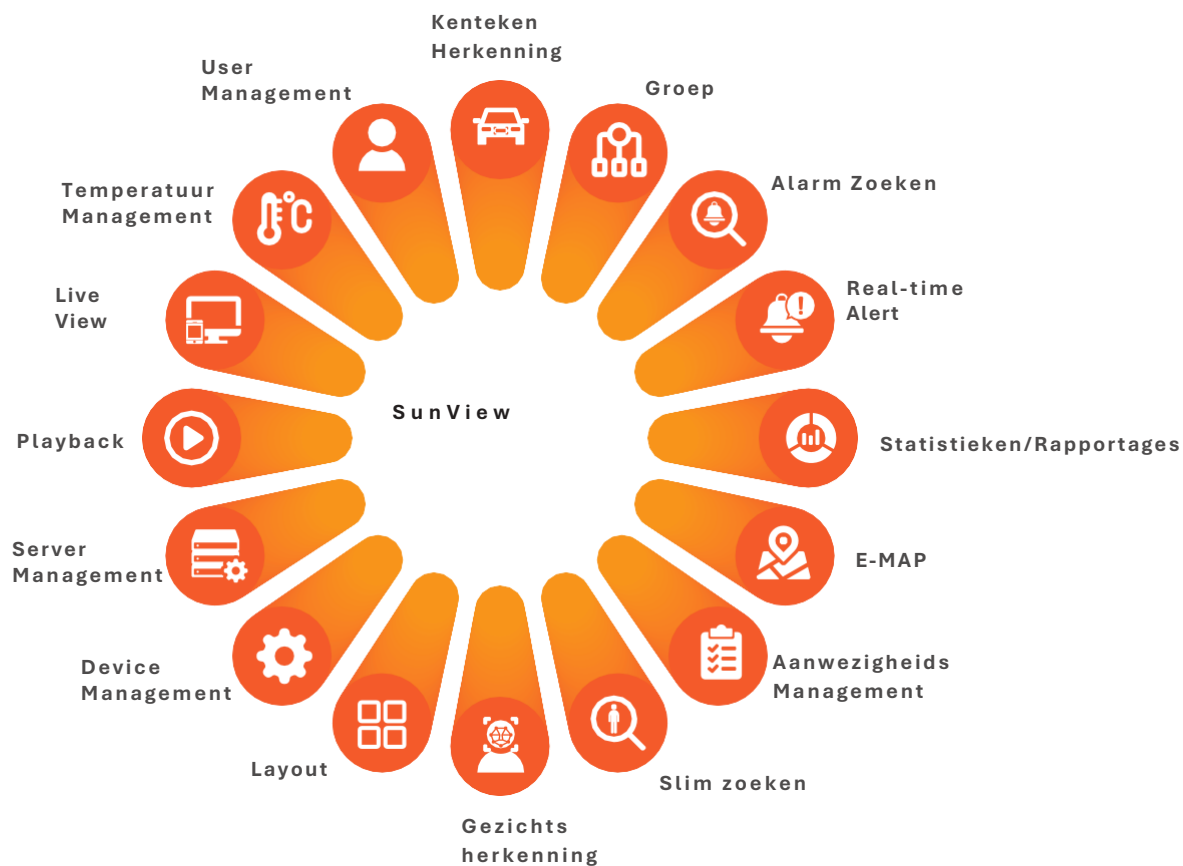


SunView Management Platform

SunView Schema



SunView Functie mogelijkheden



Integratie met externe VMS- en PSIM-leveranciers



V21.12

IPC: 21.12, Profile S/Profile T/Profile G/Profile M
NVR: 21.12, Profile S/Profile T

Integratie met Derden

avigilon™
THE BEST EVIDENCE

Digifort®
IP Surveillance System



advancis

AXIS®
COMMUNICATIONS

DW
DIGITAL WATCHDOG

MIRASYS

CNL

axxonsoft
EXPERIENCE THE NEXT®

exacq®
Technologies

nuuo
The Intelligent Surveillance Solution

MAXESS

BOSCH
Invented for life

Genetec

SEENERGY
Software. Service. Solution

nedap

CHeKT
Professional Video Monitoring

immix

TELESTE

NICE

DIGIEVER

Luxriot

TRASSIR®

winguard
always retain control

Maar er zijn al meer integraties gerealiseerd.

Meer dan 462 integraties met allerlei softwareleveranciers, transporteurs, recyclingpartners etc

Perimeter Bescherming



Oplossingswaarden

Thermische camera's kunnen onder alle weersomstandigheden monitoring uitvoeren voor detectie van indringers in de perimeter. Zelfs bij regen, sneeuw of mist kan een doelwit zich op grote afstand niet gemakkelijk verbergen. Dankzij het ingebouwde deep learning-algoritme kunnen minder thermische camera's slimme perimeterbeveiliging uitvoeren met een grote dekking en een groot bereik.



Hoge Nauwkeurigheid

Met een ingebouwd deep learning-algoritme kunnen thermische camera's mensen, voertuigen en schepen nauwkeurig detecteren en valse alarmen veroorzaakt door dieren, vegetatie en weer effectief verminderen.



Verborgen Detecties

Thermische camera's detecteren effectief een doel achter de vegetatie of in het donker.



Bi-spectrum IVS

AI+ Bi-spectrum gecombineerd met een echte all-weather monitor zonder blinde vlekken.



Groter Bereik

Vergeleken met optische lenzen vereist thermische beeldvorming geen aanvullend licht. Daarom wordt het niet beïnvloed door slecht weer, waardoor de dekking groter is en de ranger langer.



Active Deterrence

Er zijn alarmlichten en luidsprekers in thermische camera's; Stem aanpasbaar; Realtime geluids- en lichtalarmen om indringers af te schrikken.



Compleet Assortiment

Thermische productcategorie is compleet en voldoet aan de korte, middellange en lange omtrek.

Toepassingen

Korte Afstand(tot 100 m)

Hoge kosteneffectief; Bi-spectrum: 256 x 192 thermisch+ HD optisch;
Slimme perimeterbescherming voor alle weersomstandigheden;
Nauwkeurige detectie van mensen en voertuigen; Realtime geluids- en lichtalarm



SNTPC2552CTF



SNTPC2553DRTF



Appartements



Parkeerplaatsen



Fabrieken



Logistiek

Medium Afstanden (100~ 500 m)

400 x 300 / 640 x 512 hoge thermische resolutie; Flexibele mix:
Eén/Dual/PTZ thermische camera's optioneel; Grote dekking en slimme
perimeterbescherming bij alle weersomstandigheden



SNTPC4203KTF
SNTPC6406KTF



SNTPC4203KTF



SNTPC4203KTF
SNTPC6406KTF



Zonneparken



Delta



spoorlijnen



Staal Industrie

Grote Afstanden(meer dan 500 m)

Nauwkeurige monitor voor alle weersomstandigheden met een groot
gezichtsveld en een bereik daarbuiten, wanneer ingezet op
commando hoogten; Grote scène, maar ook HD close-up
doelidentificatie



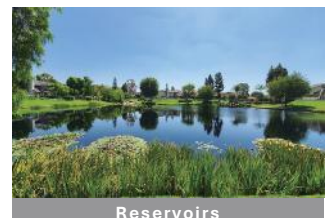
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SNTPC4203KTF
SNTPC6406KTF



Vliegvelden



Reservoirs



Bassins



Beschermde Gebieden

Brand Preventie



Oplossingswaarden

Met Fire Spot-, Fire/Rook-, Temperature Threshold- en andere temperatuuralarmen kunnen de thermische camera's van Sunell tijdig waarschuwingen geven om het ontstaan, de ontwikkeling of de verspreiding van brandgevaar te voorkomen. Door het geven van een vroegtijdig waarschuwingssignaal kan een brandgevaar effectief worden vermeden en de daardoor veroorzaakte schade worden verminderd.



Brandhaard Detectie(Thermal)

Door het Fire Spot-algoritme kunnen thermische camera's brandplekken op tijd lokaliseren en voorkomen dat er brand ontstaat..



Brand/Rook Detectie(Optioneel)

Dankzij intelligente brand-/rookdetectie kunnen thermische camera's het alarm zo snel mogelijk activeren wanneer er brand of rook wordt gedetecteerd.



Detectie van Tijdelijke Afwijkingen

Online temperatuurmonitoring kan hotspots of snelle temperatuurstijgingen detecteren, waardoor brand effectief wordt voorkomen.



Room Detectie

Thermische camera's detecteren het rookgedrag van sigaretten en activeren rookalarmen, waardoor het brandrisico wordt verlaagd.



Real-time Geluid- en licht Alarm

Er zijn ingebouwde alarmlichten en luidsprekers om het temperatuuralarm te melden; Stem aanpasbaar.



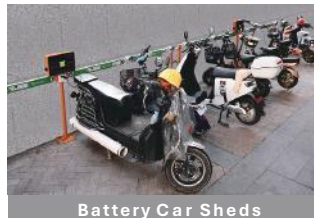
Compleet Assortiment

De thermische productcategorie is compleet om te voldoen aan korte, middellange en lange brandpreventie.

Toepassingen

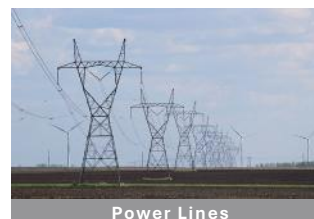
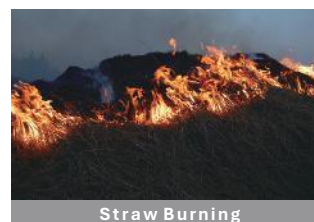
Korte Afstanden

Multiple algorithms are supported by one of the above cameras, such as Fire Spot Detection, Fire/Smoke Detection, and Smoking Detection. It can also activate Temperature Threshold and Temperature Rise alarms. In this way, the occurrence of fires can be prevented in time.

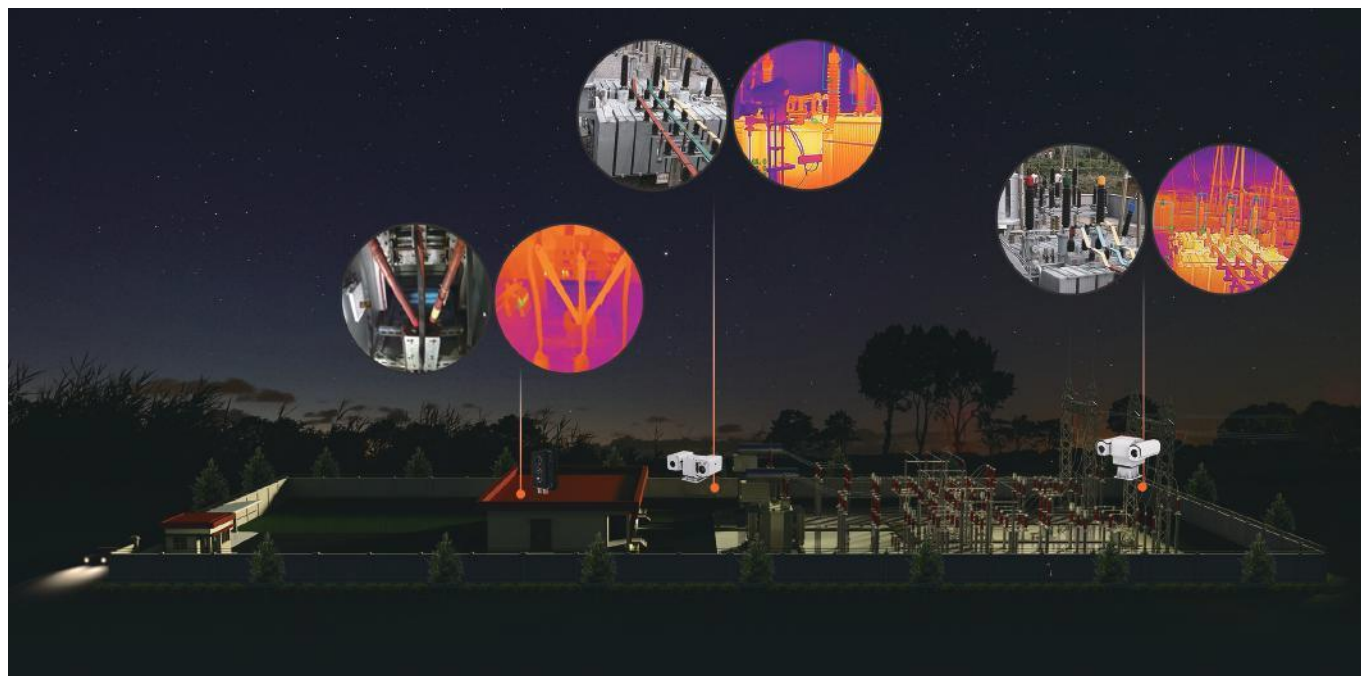


Medium and Long Distance

Fires usually happen suddenly and are destructive, which are detrimental to the environment, therefore making fire extinction and rescue hard to proceed. Bi-spectrum PTZ thermal cameras can detect fire spots from a medium and long distance. The administrators can be notified in time with alarms before fires get developed and spread.



Temperature Measuring (Electrical Industry)



Solution Value

Most of the abnormalities and failures of power equipment are caused by the Heating Effect of Electric Current. If no measures are taken, it is very likely to cause safety accidents. Sunell thermal cameras are widely used in all aspects of electricity generation, transformation, transmission, and distribution in the electrical industry.



Temperature Accuracy

$\pm 2^{\circ}\text{C}$ ($\pm 3.6^{\circ}\text{F}$) / $\pm 2\%$



Temperature Range Customizable

Default: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 302^{\circ}\text{F}$)
Customizable: $\leq 900^{\circ}\text{C}$ (1652°F)



Temperature Areas

Support 3 temperature measurement rule types (spot, line, area)



Temperature Alarm Types

Temperature Threshold/Difference/Rise



Worm Gear and Worm Drive PTZ

Thermal PTZ cameras can always locate the position accurately. It will not be affected by external power.



Preset Temperature Monitoring

Thermal PTZ series can monitor the temperature of preset points, which meets the requirement of multi-object temperature measuring in a big scenario.



Inspection Plan

Configure thermal imaging inspection plan, retrieve inspection records, generate inspection report, etc.



Temperature Curve

Sunell SunView platform can retrieve historical data of thermal imaging cameras and area temperature measurements in curves, which provides a basis for judging the operating status of equipment.

Application Scenarios

Transformer Substation



D2/D2L

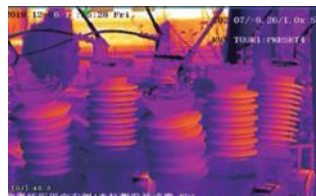
SNTPC6406KT

SNTPT4233DJT

Online detection of common faults such as lack of oil in transformer bushings, poor contact of isolating switches and circuit breaker contacts, heating of transformers, capacitors, and lightning arrester joints, etc.



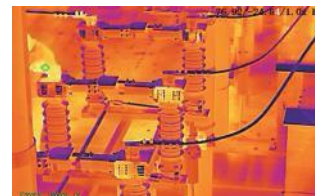
Transformers



Circuit Breakers



Mutual Inductors



Isolating Switches

Electricity Generation



SNTPT6457EVT

D2/D2L

SNTPC2552C

SNTPT4233DJT

SNTPT4233LZ
SNTPT6436LZ

Online temperature measurement in coal yards, conveyor belts, coal mills, pulverized coal pipelines, transformers, etc.

Online temperature measurement of high-voltage electrical equipment such as hydroelectric generator sets and booster stations.

Online temperature measurement of engine room generator set, variable pressure, high voltage switch cabinet, etc.

Online temperature measurement of combiner boxes, inverters, booster stations, and other equipment, hot spot detection of photovoltaic modules.



Thermal Power



Hydropower



Wind Power



Photovoltaic Power

Electricity Transmission



SNTPT4233QF
SNTPT6436QF

Detection of the thermometer abnormality caused by oxidation and corrosion of metal fittings or wire clips, loose bolts, poor contact, etc.

Electricity Distribution



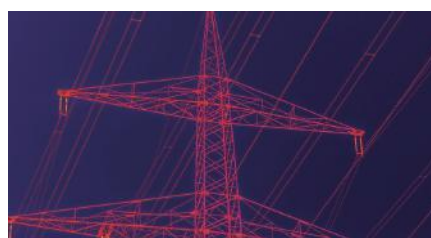
SNTPT6457EVT

D2/D2L

SNTPC2552CT

SNTPT4233QF
SNTPT6436QF

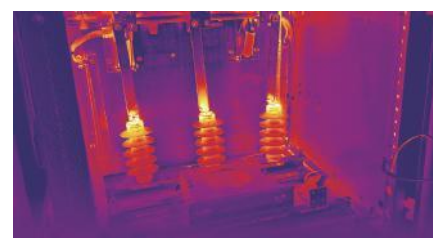
Online temperature measurement of high-voltage switchgear busbars, cable joints, etc.



High-voltage Transmission Lines



Electricity Distribution Room



High-voltage Switch Cabinets

Photovoltaic Power

Solution Value

Photovoltaic power stations occupy a large area, which is generally located in remote areas and have relatively high operation and maintenance costs. By deploying Sunell thermal imaging cameras, management efficiency effectively improves, and long-distance fire points and perimeter intruders can be quickly found. By conducting online temperature measurements, Sunell thermal cameras can detect potential safety hazards of key equipment such as combiner boxes, inverters, transformers, and energy storage cabinets in a timely manner.



Application Scenarios

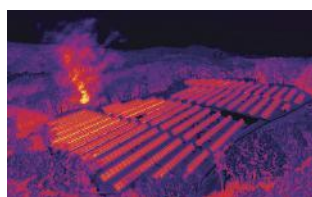
Perimeter Protection

Sunell thermal cameras can detect intruders (human, animal, etc.) in a long distance by sound and light alarms.



Fire Prevention

With Bi-spectrum PTZ series deployed in photovoltaic power stations where there are lots of weeds and trees, fire points can be found swiftly, the detection distance is long and the accuracy is high.



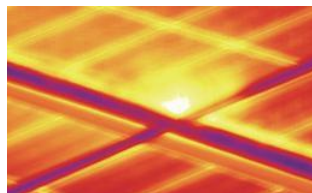
Real-time Temperature Measuring

By conducting online temperature measurements, Sunell thermal cameras can detect potential safety hazards of key equipment such as combiner boxes, inverters, transformers, and breakers in a timely manner.



Hot Spot Detection

The thermal imaging PTZ series automatically inspects and captures photos. By temperature difference alarm or manual review, it can help judge the hot spot situation.



Petrochemical Industry

Solution Value

The industrial chain of the petrochemical industry is very large, including oil exploration, pipelines, chemical plants, oil depots, gas stations, etc. Many places in this industry are characterized by high temperature, high pressure, flammability, and explosion. Sunell thermal imaging is able to monitor the status of equipment online, detect potential safety hazards of equipment in a more timely manner and play an important role in reducing the occurrence of accidents.



Application Scenarios

Perimeter Protection

Theft detection in oil fields and pipelines, etc.
Intrusion detection to prevent accidents in High-risk areas.



SNTPC4233DJT



SNTPH4203DA
SNTPH6406DA



Fire Prevention

Real-time Fire Spot and Smoking alarms to find the potential fire risk and fire situation in hazardous chemical warehouses with raw materials and finished products, non-smoking factory areas, oil depot areas, oil tank areas, gas stations, and other scenarios.



SNTPC2553DRT

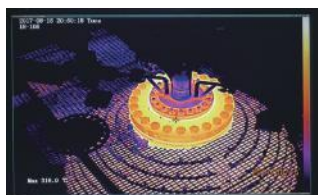


SNTPH4203DA
SNTPH6406DA



Real-time Temperature Measuring

Online accurate temperature measurement of refining and chemical equipment, pipelines, station valve hall equipment, electrical equipment, etc.



SNTPH4203DA
SNTPH6406DA



SNTPT4233PAR
SNTPT6436PAR



Fault and Defect Detection

Oil storage tank liquid level line, fouling, tank damage, etc. detection.
Detection of pipeline corrosion, leakage, blockage, etc.



SNTPH4203DA
SNTPH6406DA



SNTPT4233PAR
SNTPT6436PAR



Metallurgical Industry

Solution Value

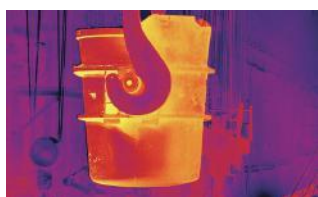
Temperature is an important indicator in many production chains in the metallurgical industry. Sunell Thermal cameras can perform real-time temperature measuring to monitor whether there is any abnormality in the production status. Hidden dangers of equipment can be quickly found by thermal imaging analysis, effectively ensuring normal production and increasing production efficiency.



Application Scenarios

Real-time Steel Ladle Protection

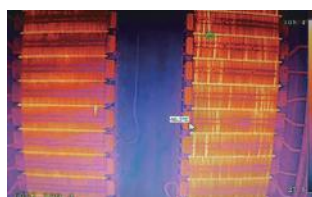
The thermal imager accurately measures the temperature of the steel ladle, and take clear thermal images, which can visually judge the defects of the ladle lining and analyze the degree of the defect.



SNTPH4203DA

Electrolyzer Temp. Rise Monitor

Simultaneous temperature measurement of multiple groups of electrolytic cells; Online temperature changes monitoring of the electrolyte and the plate; Sound and light alarm linkage.



SNTPH4203DA
SNTPH6406DA

Detection of Hidden Dangers

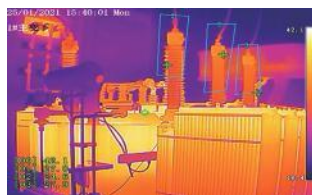
Sunell thermal camera is able to detect hidden dangers of smoldering coal piles and high-temperature anomalies of conveyor belts, which can be linked with spraying for cooling.



SNTPH4203DA

Electrical Equipment Temp. Measuring

Online temperature measurement of electrical equipment such as power transformation and distribution.



D2/D2L



SNTPC6406KT

New Energy Industry

Solution Value

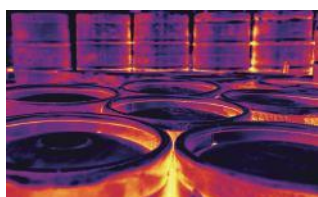
The proportion of sales of new energy vehicles is getting higher and higher, followed by more rapid expansion of power battery-related industrial chains and more frequent occurrence of spontaneous combustion accidents. Safety issues are becoming increasingly prominent. Thermal imaging cameras can increase the safety of upstream and downstream enterprises in the new energy industry chain.



Application Scenarios

Raw Material

The electrolyte is volatile and flammable while Sunell explosion-proof thermal imaging is able to perform the fire prevention.



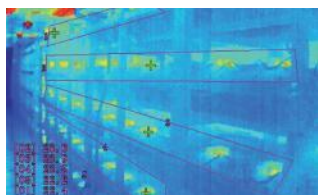
Factories

During the charging and discharging process of the power battery, it may spontaneously ignite due to problems such as the quality of the battery cell and the PACK process. It is very important to know the temperature in real-time. Sunell thermal imager is applicable in production, aging, storage, and other chains to find battery quality defects in time.



BESS

Real-time simultaneous temperature monitoring of the positive and negative poles of multiple sets of batteries to find abnormal batteries in time.



Charging & Battery Swap Stations

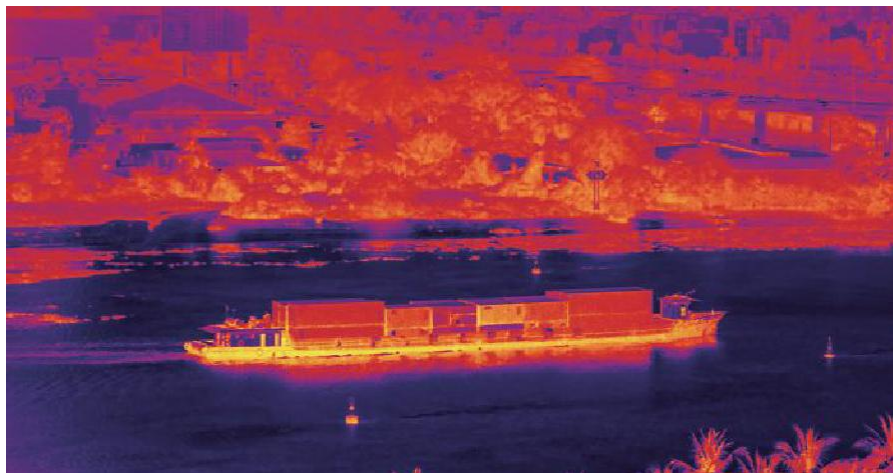
Electric vehicle fires frequently occur in areas with huge losses caused by them. When abnormalities are found by real-time temperature monitoring, Sunell thermal imager can activate the alarm in time.



Water Conservancy Industry

Solution Value

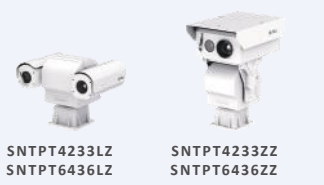
Rivers and lakes are an important part of the natural ecology. The personnels can manage rivers better at night or in bad weather with the help of Sunell thermal cameras to stop environmental damage and crimes in a timely manner.



Application Scenarios

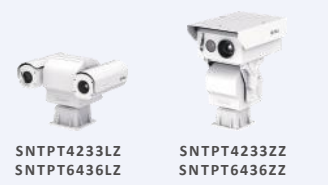
Illegal Intrusion

Ship illegal intrusion active deterrence for gates and other waters where ships are prohibited from traveling and stopping.



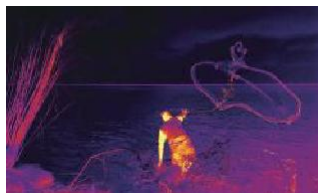
Illegal Sand Mining

Illegal sand mining destroys the ecology of the river channel. Sand mining causes uneven river beds and even affects the safety of flood control dams. Sunell thermal imaging can detect illegal mining at night. The detection distance is up to more than 5 kilometers.



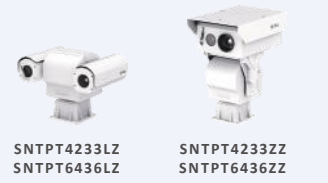
Illegal Fishing

Sunell thermal imaging is suitable for monitoring dangerous or illegal activities, such as illegal fishing during fishing bans, fishing and swimming in reservoirs, etc.



Illegal Rubbish Dumping

Real-time monitoring of illegal activities such as dumping garbage on the river bank at night. Real-time alarms of vehicles entering the defense area by vehicle shape algorithm.



Livestock & Poultry Industry

Solution Value

With the heat distribution pattern on the body surface of the individual obtained by Sunell thermal imager, it is helpful to analyze and judge the lesion location and lesion degree.

Non-contact temperature measurement helps avoid individual stress reactions.



Application Scenarios

Swine Fever Virus

Acute swine fever virus has the characteristics of a short incubation period, high fever, and rapid death. Sunell thermal cameras can monitor pig herd temperature on a daily basis, which can be seen as an early diagnostic tool for swine fever infection.



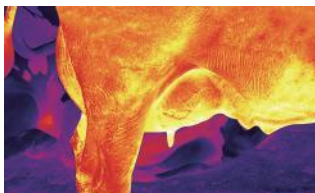
Foot-and-Mouth Disease(FMD)

Foot-and-mouth disease is an acute, febrile, and highly contagious infectious disease common to pigs, cattle, sheep, and other animals, with more than 70 susceptible animals. The disease spreads quickly through many routes. Sunell thermal imaging is believed to be able to detect FMD early by observing hyperthermia.



Bovine Mastitis Disease

Bovine mastitis is a major problem faced by the dairy industry, accounting for more than 40% of cattle morbidity. The disease leads to hypofunction of the mammary glands of dairy cows and even loss of the function of lactation. However, Sunell's thermal imaging camera can detect the disease at an early stage.



Bovine Respiratory Disease (BRD)

The bovine respiratory disease causes serious harm to the cattle industry every year. When the disease occurs, the temperature of the bull's eye will rise. Sunell thermal cameras can measure the temperature and monitor this disease.



Thermal & Optical Bi-Spectrum Network Cube Camera

SND2L

256×192



Super Wide
Angle



Temperature
Accuracy



White LED



Dual Image
Fusion



IP66

- Thermal: 256×192, 12 μ m, 2.0 mm, H: 90°, V: 65°
- Optical: 2MP, 1600×1200, 2.3 mm, H: 100°, V: 75°
- Dual Image Fusion
- White LED
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Pre-alarm & Alarm
- Temp. Threshold/Difference/Rise Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Range: $-20^{\circ}\text{C}\sim 150^{\circ}\text{C}$
- Interface: 1Alarm In/Out, RS485/232, Micro SD card
- DC10~30V/POE(802.3af)
- IP67

Application Scenarios

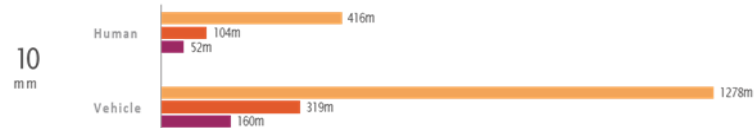
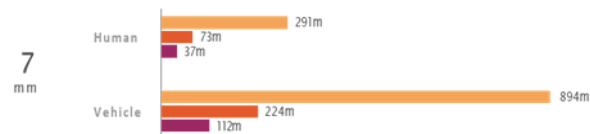
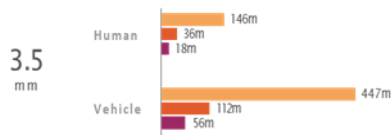
High voltage switch cabinet and other industrial temperature measurement scenarios with narrow space.

256x192

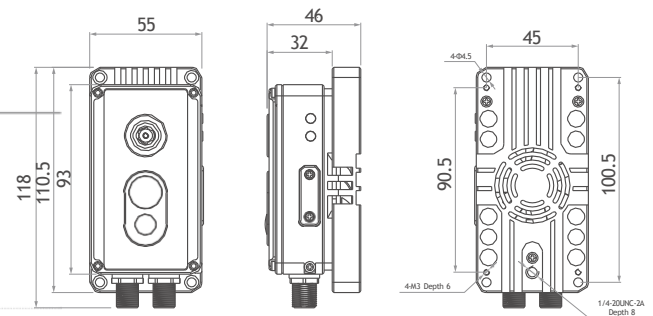
12 μ m

Human: 1.8×0.5 m
Vehicle: 4×1.5 m
Fire: 1×1 m

● Detection ● Recognition ● Identification



Dimensions (mm)



Accessories



Gimbal Mount Bracket

Thermal & Optical Bi-Spectrum Network Turret Camera



SNTPC2553CT
SNTPC2552CT

Parameters vary according to device models.

256×192



Human
Detection



Vehicle
Detection



Active
Deterrence



Smoke/Fire
Detection



Smoking
Detection



Temperature
Accuracy

- Thermal: 256×192, 12μm, 3.5 mm
- Optical: 5MP, 2880×1620, 4 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/ Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Built-in Microphone
- Built-in speaker & alarm light
- 35 m IR
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$
- Interface: 1Audio In/Out, 1Alarm In/Out, RS485, HDMI, Micro SD Card
- DC12V/DC24V/POE(802.3af)
- IP66

Application Scenarios

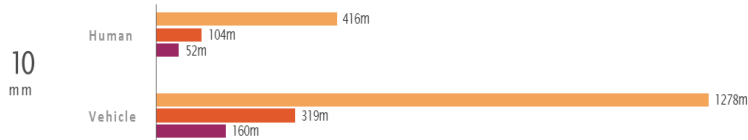
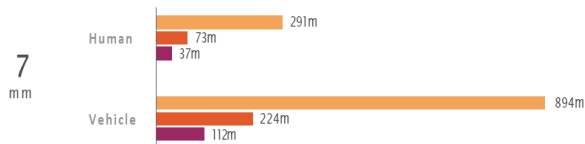
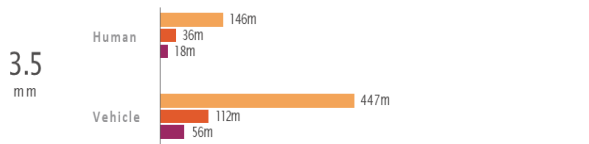
Perimeter Protection, Indoor Fire Prevention, Industrial Temperature Measuring...

256x192

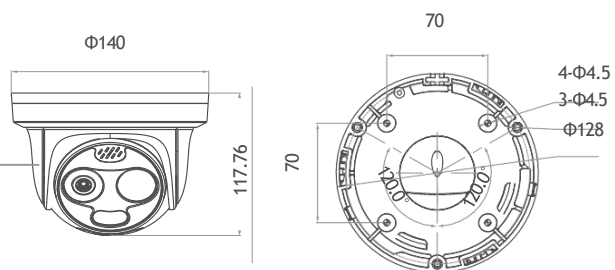
12μm



● Detection ● Recognition ● Identification



Dimensions (mm)



Accessories



Junction
Box
SNCBK645D



Bracket Mount
Adapter
SNCBK206



Pendant Mount
Bracket
SNCBK402



Wall Mount
Bracket
SNCBK501



Wall Mount
Bracket
SNCBK502



Pole Mount
Bracket
SNCBK101



Corner Mount
Bracket
SNCBK102

Thermal & Optical Bi-Spectrum Network Bullet Camera



SNTPC2553DRT

256×192



Human Detection



Vehicle Detection



Active Deterrence



Smoke/Fire Detection



Smoking Detection



Temperature Accuracy

- Thermal: 256×192, 12μm, 7/10 mm
- Optical: 4MP, 2880×1620, 8 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/ Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Built-in speaker & alarm light
- LED Temperature Display
- 35-55 m IR
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$
- Interface: 1Audio In/Out, 2 Alarm In/Out, RS485, Micro SD card
- DC12V/DC24V/POE (802.3af)
- IP66

Application Scenarios

Perimeter Protection, Indoor/Outdoor Fire Prevention, Industrial Temperature Measuring...

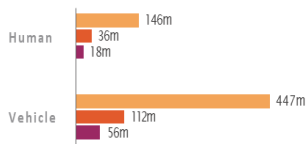
256x192

12 μm

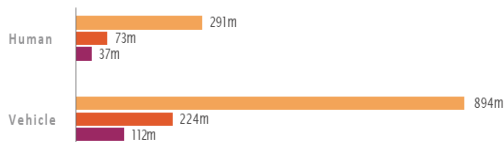


● Detection ● Recognition ● Identification

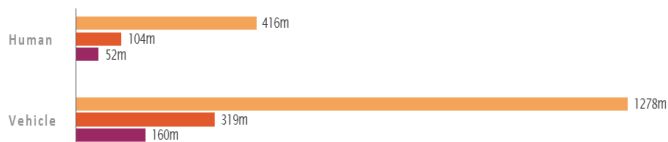
3.5 mm



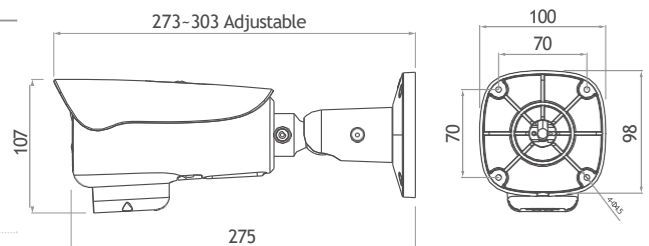
7 mm



10 mm



Dimensions (mm)



Accessories



Junction Box
SNCBK649B



Pole Mount Bracket
SNCBK627D

Thermal & Optical Bi-Spectrum Network Bullet Camera


SNTPC4233DJT
400×300

 Human
Detection

 Vehicle
Detection

 Smoke/Fire
Detection

 Smoking
Detection


POE+

- Thermal: 400×300, 17μm, 8/15/25/35/50 mm
- Optical: 2MP, 1920×1080, Motorized Lens : 5~50 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- 100 m IR
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Pre-alarm & Alarm
- Temp. Threshold/Difference/Rise Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Range: -40°C ~ 150°C , Customizable
- Interface: 1Audio In/Out, 2 Alarm In/Out, RS485
- DC12V/POE+ (802.3at)
- IP66

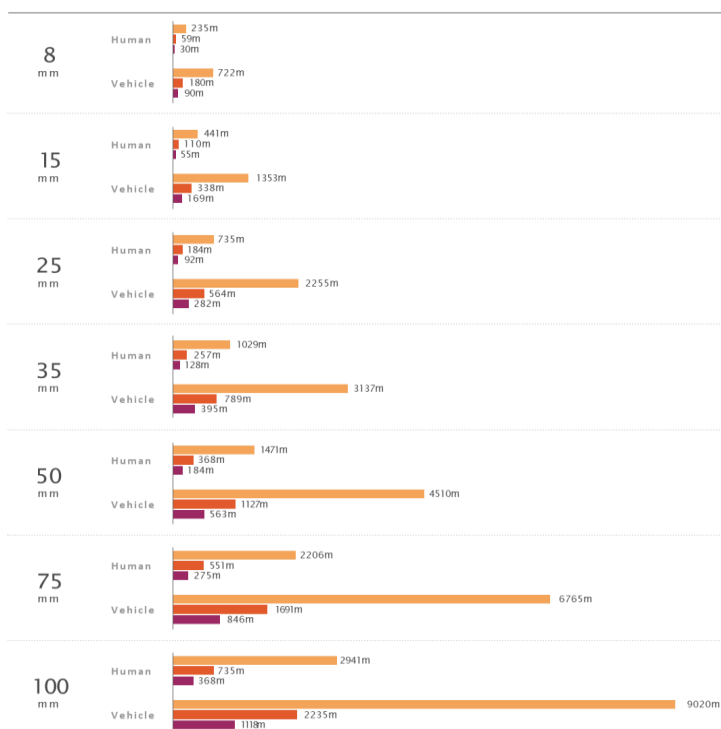
Application Scenarios

Perimeter Protection, Indoor/Outdoor Fire Prevention, Industrial Temperature Measuring...

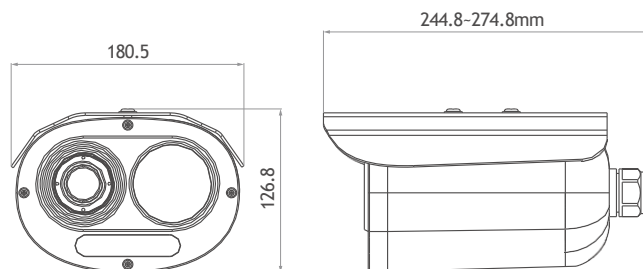
400×300
17μm

Human: 1.8×0.5 m Vehicle: 4×1.5 m

• Detection • Recognition • Identification



Dimensions (mm)



Accessories



Wall Mount Bracket

SNBK346



Pendant Mount Bracket

SNBK350

Thermal Network Bullet Camera


SNTPC4207KTF
384×288

 Human
Detection

 Vehicle
Detection


IVS


 Temperature
Accuracy


PoE

- VOx uncooled focal plane detector with 384×288 resolution
- NETD $\leq 40\text{mK}$
- 9/15/25/35/50mm fixed lens optional
- Supports human and vehicle detection, as well as smoking and fire point detection.
- Intelligent Analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way detection, enter area, leave area, and people counting.
- Support 3 temperature measurement rule types (spot, line, area)
- Temperature range: -20°C to 150°C or 0°C to 550°C , Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Built-in mic and speaker, support two-way audio
- Support 12VDC/24VAC/PoE power supply
- NDA A Compliance,
- IP66/IK10

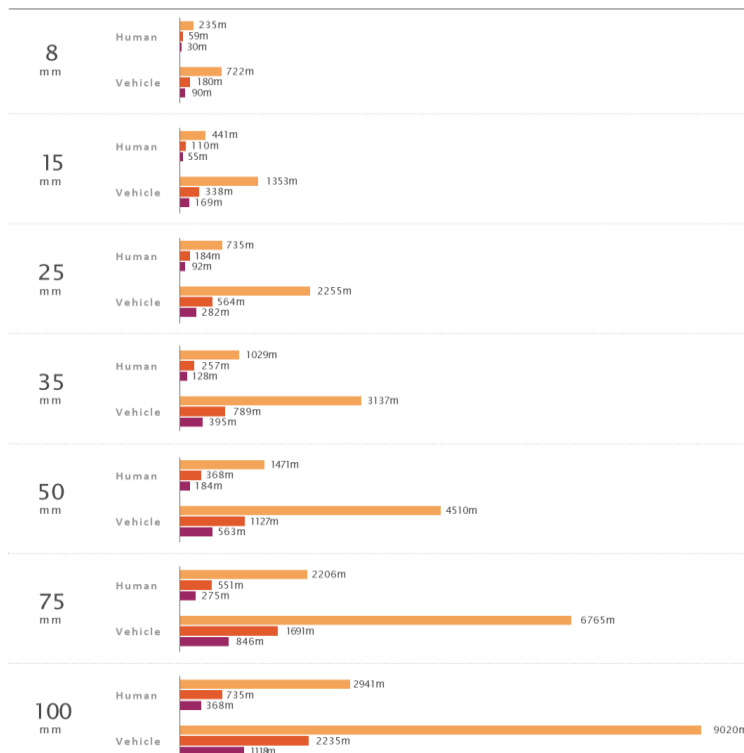
Application Scenarios

Perimeter Protection, Industrial Temperature Measuring...

400×300
17 μm

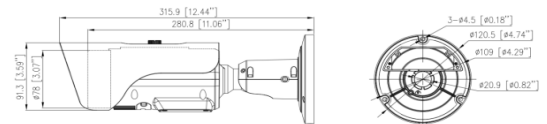
 Human: 1.8×0.5 m
 Vehicle: 4×1.5 m

• Detection • Recognition • Identification

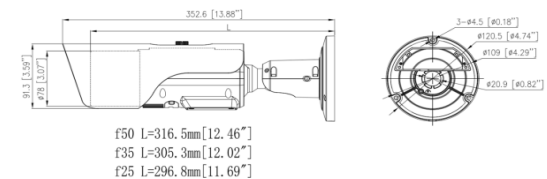


Dimensions (mm)

F9/F15 mm Lens



F25/F35/F50 mm Lens



Accessories


 SN-CBK645G
Junction Box

 SN-CBK101A
Pole Mount

 SN-CBK102A
Corner Mount

Thermal Network Bullet Camera

SNTPC6406KT
640×512

 Human
Detection

 Vehicle
Detection


Fire Spot


 Temperature
Accuracy


POE



- Thermal: 640×512, 12μm, 9/15/25/35/50 mm
- Deep Learning: Human/Vehicle/Fire Spot/Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Pre-alarm & Alarm
- Temp. Threshold/Difference/Rise Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Built-in Microphone
- Temp. Range: $-20^{\circ}\text{C}\sim 150^{\circ}\text{C}$, Customizable: $\leq 550^{\circ}\text{C}$
- Interface: 1Audio In/Out, 2 Alarm In/Out, CVBS, RS485, Micro SD Card
- DC12V/AC24V/POE (802.3af)
- IP66

Application Scenarios

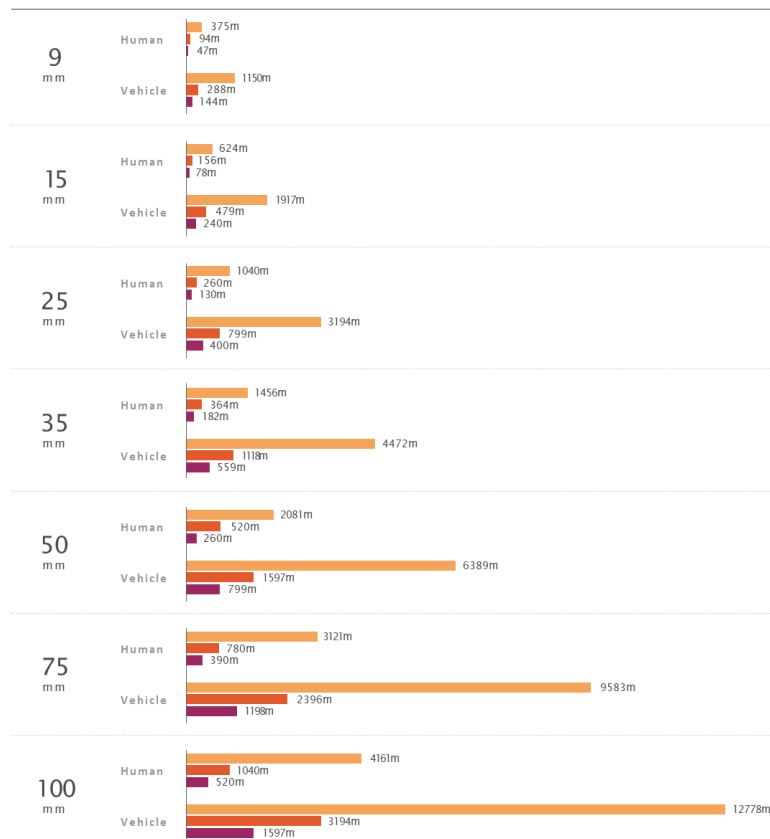
Perimeter Protection, Industrial Temperature Measuring...

640×512
12 μm

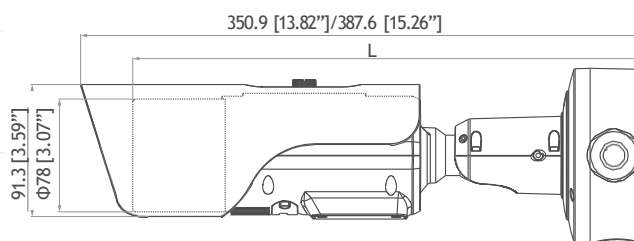
 Human:
1.8×0.5 m

 Vehicle:
4×1.5 m

• Detection • Recognition • Identification



Dimensions (mm)



Accessories


 Junction Box
SNCBK649B

Thermal Network PTZ Camera

SNTPS6457EVT

SNTPS4517EVT

640×512



Human
Detection



Vehicle
Detection



Fire Spot



Temperature
Accuracy



POE

- 640 × 512 (the resolution of output image is 1920 × 1080) resolution
- 12μm, VOx UFPA, NETD ≤ 40mK
- 25mm motorized thermal lens, 40x optical zoom lens
- Support human/vehicle detection
- Support fire point detection, smoking detection and smoke & fire detection
- Smart events: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting, enter area, leave area and smart motion detection
- Smart tracking: Cold/hot spot tracking, human/vehicle and ship tracking
- Support 3 temperature measurement rule types (spot, line, area)
- Temperature range: -20°C to 150°C (-4°F to 302°F) or 0°C to 550°C (32°F to 1022°F)
- Smart rain-sensing wiper, IP66

Application Scenarios

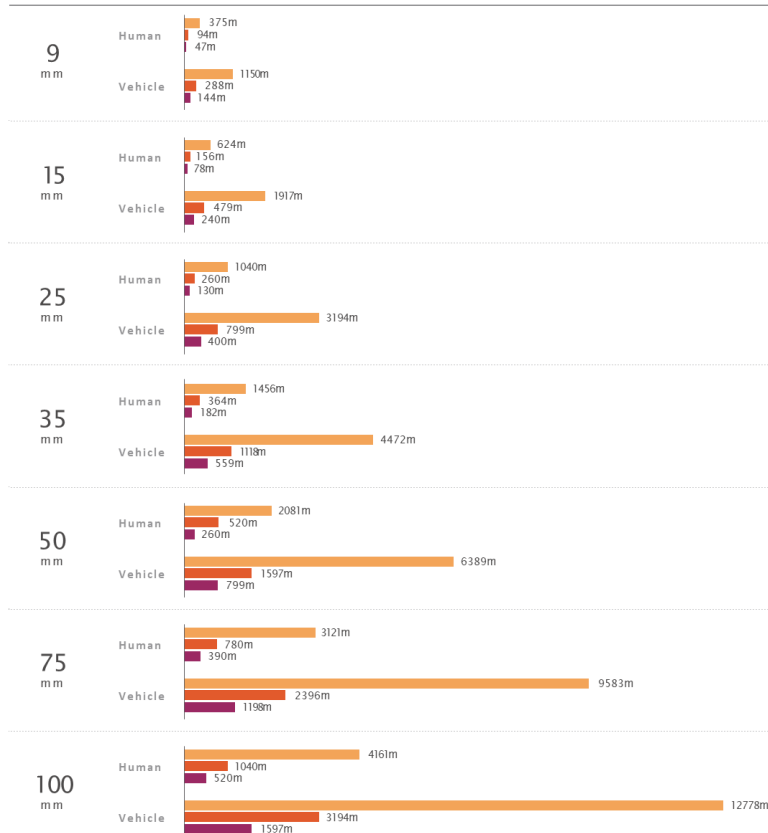
Perimeter Protection, Industrial Temperature Measuring...

640x512

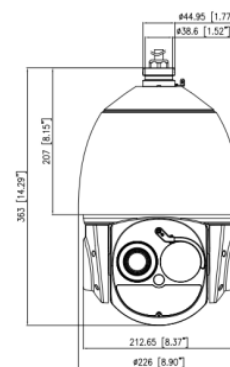
12 μm

Human: 1.8×0.5 m
Vehicle: 4×1.5 m

● Detection ● Recognition ● Identification



Dimensions (mm)



Accessories



SN-CBK506B
Wall Bracket



SN-BK348A
Ceiling Bracket



SN-BK605
Corner Mount



SN-BK604B
Pole Mount



SN-BK367
Junction Box



SN-BK355
Wall Bracket



SN-BK358
Corner Mount



SN-BK359
Pole Mount

Thermal & Optical Mini Bi-Spectrum PTZ Camera



SNTPT6436QF
SNTPT4233QF

640×512/400×300



Human
Detection



Vehicle
Detection



Smoke/Fire
Detection



Temperature
Accuracy



White LED

- Thermal: 640×512/400×300, 8/9/15/25 mm; Motorized Lens: 25 mm
- Optical: 4MP, 2592×1520, 30X, 5.3~159 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Worm Gear and Worm Drive PTZ; Power off Self-locking
- Anti-frozen
- Pan: 360° Tilt: +90°~-90°
- White LED: 30 m
- Support 3 temperature measurement rule types (spot, line, area)
- Preset Point Temperature Measuring
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: -20°C ~ 150°C , Customizable
- Interface: 1Audio In/Out, 1Alarm In/Out, CVBS, RS485
- DC24V
- IP66

Application Scenarios

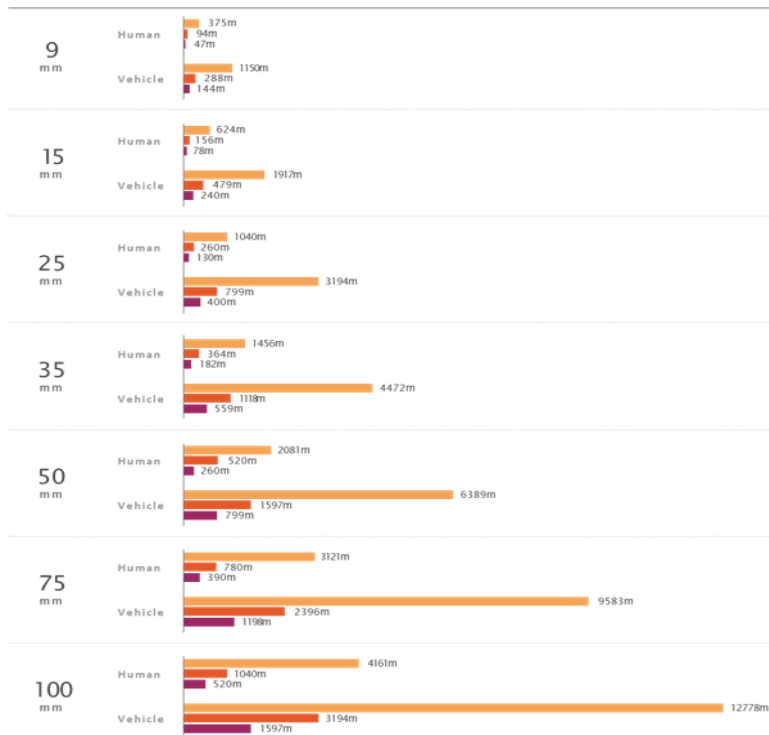
Perimeter Protection, Indoor Fire Prevention, Industrial Temperature Measuring...

640×512

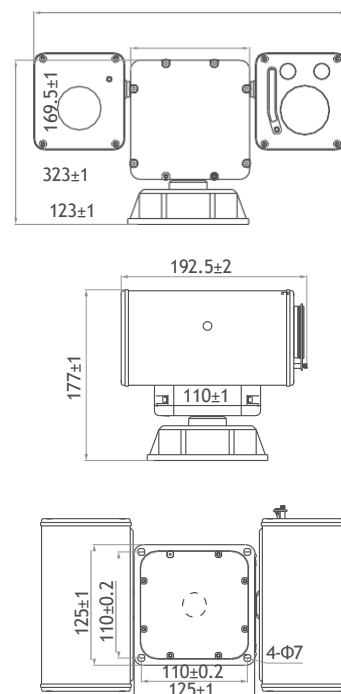
12 μm

Human: 1.8×0.5 m Vehicle: 4×1.5 m

● Detection ● Recognition ● Identification



Dimension



Thermal & Optical Medium Bi-Spectrum PTZ Camera



SN-TPT6436LZ

SN-TPT4233LZ



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



Wiper

640×512/400×300

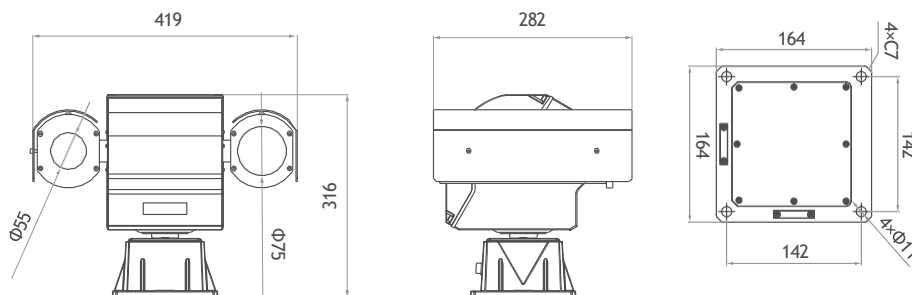


- Thermal: 640×512/400×300, 8/9/15/25/35/50 mm, Motorized Lens: 25/50 mm
- Optical: 4MP, 2592×1520, 30X, 5.3~159 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Worm Gear and Worm Drive PTZ; Power off Self-locking
- Anti-frozen
- Pan: 360° Tilt: +90°~-90°
- Support 3 temperature measurement rule types (spot, line, area)
- Preset Point Temperature Measuring
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: -20°C ~ 150°C , Customizable
- Interface: 2 Audio In/Out, 9 Alarm In/4 Alarm Out, CVBS, RS485
- DC36V
- IP66

Application Scenarios

Perimeter Protection, Indoor Fire Prevention, Industrial Temperature Measuring...

Dimensions (mm)



Thermal & Optical Medium Bi-Spectrum PTZ Camera

SNTPT4233LPZ

400×300



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



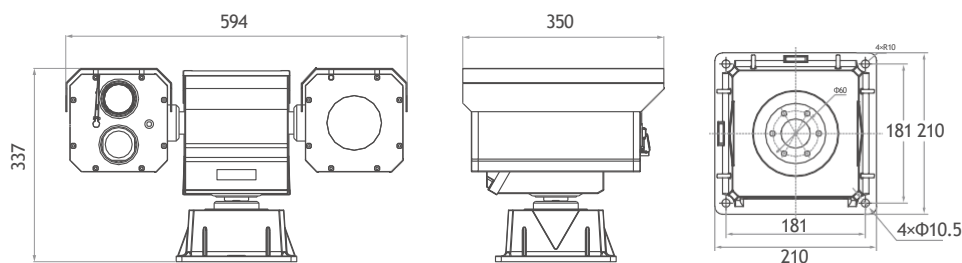
Laser IR

- Thermal: 400×300, Motorized Lens: 75/100 mm
- Optical: 5MP, 2560×1920, 40x, 4.98~199.2 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Ship
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Worm Gear and Worm Drive PTZ; Power off Self-locking
- Anti-frozen
- Pan: 360° Tilt: +90°~-90°
- 800m IR
- Support 3 temperature measurement rule types (spot, line, area)
- Preset Point Temperature Measuring
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: -40°C ~ 150°C , Customizable
- Interface: 2 Audio In/Out, 9 Alarm In/4 Alarm Out, CVBS, RS485
- DC36V
- IP66

Application Scenarios

Medium Perimeter Protection, Fire Prevention...

Dimensions (mm)



Thermal & Optical Medium Bi-Spectrum PTZ Camera

SN-TPT6436ZZ
SN-TPT4233ZZ

640×512/400×300



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



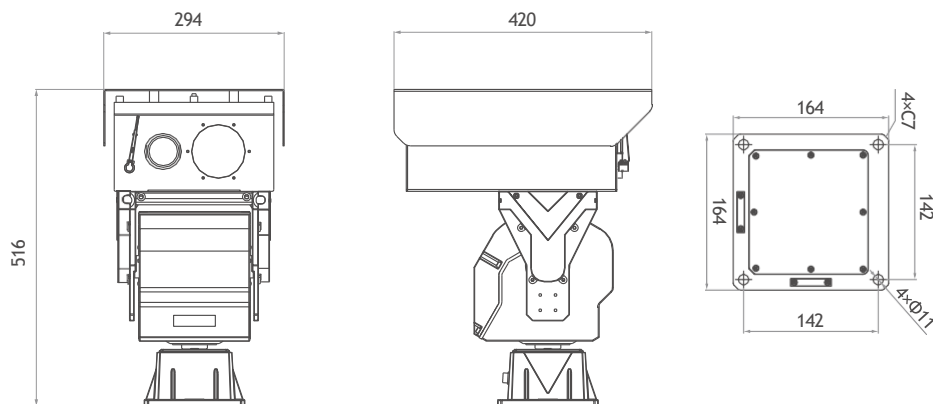
Wiper

- Thermal: 640×512/400×300, Motorized Lens: 50/75/100 mm
- Optical:
2MP, 1920×1080, 37X, 6~222 mm
4MP, 2592×1520, 40X, 4.98~199.3 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Ship
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area
- Worm Gear and Worm Drive PTZ; Power off Self-locking
- Anti-frozen
- Pan: 360° Tilt: +40°~75°
- Interface: 2 Audio In/Out, 9 Alarm In/4 Alarm Out, CVBS, RS485
- DC36V
- IP66

Application Scenarios

Medium Perimeter Protection, Fire Prevention...

Dimensions (mm)



Thermal & Optical Large Bi-Spectrum PTZ Camera

SN-TPT6436HZ

SN-TPT4233HZ

Parameters vary according to device models.



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



Wiper

640×512/400×300

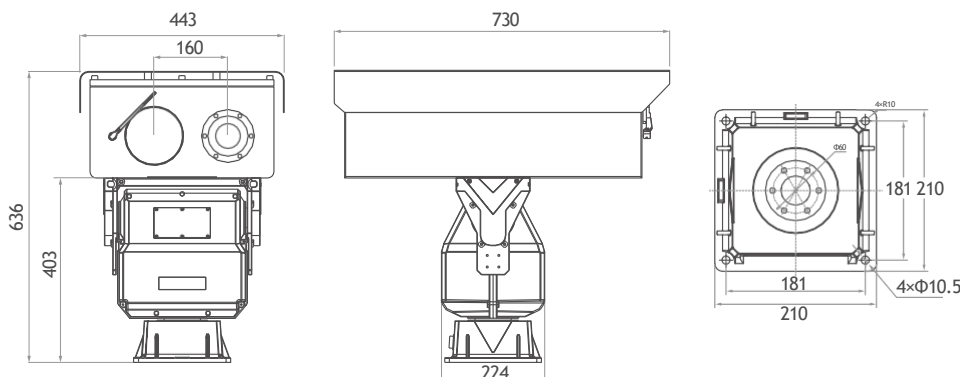


- Thermal: 640×512/400×300, Motorized Lens: 75/100mm, 30~150mm
- Optical:
 - 4MP, 2592×1520, 32X, 12.5~400 mm
 - 4MP, 2592×1520, 32X, 15.6~500 mm
 - 4MP, 2592×1520, 60X, 12.5~750 mm
 - 4MP, 2592×1520, 60X, 16.7~1000 mm
 - 4MP, 2592×1440, 86X, 10~860mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Ship
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area
- Worm Gear and Worm Drive PTZ; Power off Self-locking
- Anti-frozen
- Pan: 360° Tilt: +40°~45°
- Interface: 2 Audio In/Out, 3 Alarm In/Out, CVBS, RS485
- DC36V
- IP66

Application Scenarios

Medium Perimeter Protection, Fire Prevention...

Dimensions (mm)



Thermal & Optical Large Bi-Spectrum PTZ Camera

SN-TPT6436MZ

SN-TPT4233MZ

Parameters vary according to device models.



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



Thermal
30-150mm

640×512/400×300

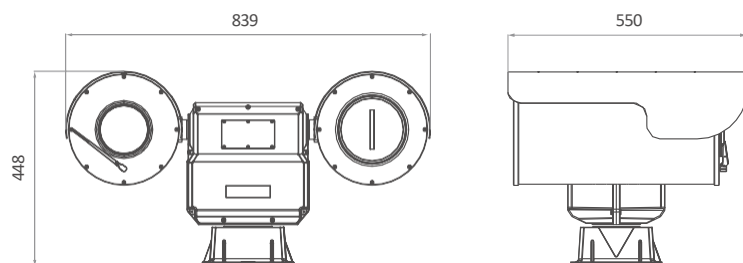


- Thermal: 640×512/400×300, Motorized Lens: 30~150 mm
- Optical: 4MP, 2560×1440, 86X, 10~860 mm
- Deep Learning: Human/Vehicle/Fire & Smoke/Fire Spot/Ship
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area
- Worm Gear and Worm Drive PTZ; Power off Self-locking
- Anti-frozen
- Pan: 360° Tilt: +40°~75°
- Interface: 2 Audio In/Out, 6 Alarm In/ 4 Alarm Out, CVBS, RS485
- DC48V, Max 300W
- IP66

Application Scenarios

Medium Perimeter Protection, Fire Prevention...

Dimensions (mm)



Explosion-proof Bullet Camera

SN-TPH6406DA

SN-TPH4203DA

Parameters vary according to device models.



Explosion Proof



Material



IVS



Temperature Accuracy



IP68

640×512/400×300

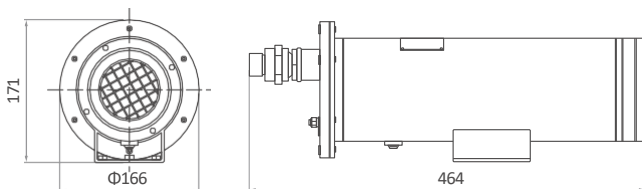


- 316L Stainless Steel
- Ex d IIC T6 Gb / Ex tD A21 IP68 T80°C W
- Thermal: 640×512/400×300, 8/9/15/25/35/50 mm
Motorized Lens: 25/50 mm
- Deep Learning: Human/Vehicle/Fire Spot/Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Temp. Pre-alarm & Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 302^{\circ}\text{F}$), Customizable
- IP68

Application Scenarios

Perimeter Protection, Indoor/Outdoor Fire Prevention, Industrial Temperature Measuring...

Dimensions (mm)



Accessories



Wall Mount Bracket
SN-BK401-SS



Junction Box
SN-BK400



Flexible Tube



Gland Box

Explosion-proof Bi-spectrum PTZ Camera

SN-TPT6436PA

SN-TPT4233PA

Parameters vary according to device models.



Explosion Proof



Material



IVS



Temperature
Accuracy



IP68

640×512/400×300

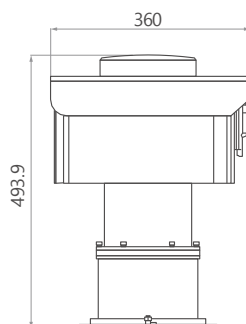
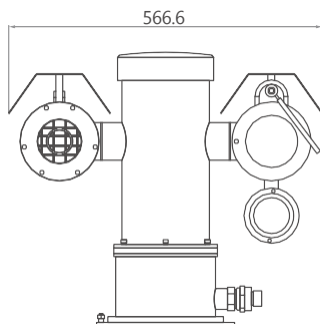


- 316L Stainless Steel
- Ex d IIC T6 Gb / Ex tD A21 IP68 T80°C
- Thermal: 640×512/400×300, 8/9/15/25/35/50 mm
Motorized Lens: 25/50 mm
- Optical: 4MP, 2592×1520, 30X, 5.3 mm -159 mm
- Deep Learning: Human/Vehicle/Smoke & Fire/Fire Spot/Smoking
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Pan: 360° Tilt: +90°~-90°
- IR: 200 m
- Temp. Pre-alarm & Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: -20°C ~ 150°C (-4°F ~ 302°F), Customizable
- IP68

Application Scenarios

Perimeter Protection, Indoor/Outdoor Fire Prevention, Industrial Temperature Measuring...

Dimensions (mm)



Accessories



Wall Mount Bracket
SN-BK402-SS



Junction Box
SN-BK400



Flexible Tube



Gland Box

Small Intelligent Thermal Module



SN-TPC6406VT



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



Anti-burning

640 × 512

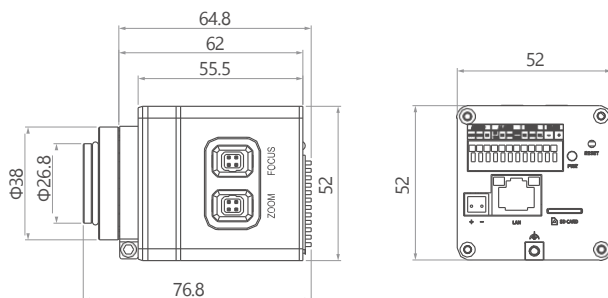


- Thermal: 640 × 512, 12 μ m, 8-14 μ m, 9/15/25/35/50 mm
- Motorized Lens: 25/50/75/100 mm
- Motorized Zoom Optional
- Deep Learning: Human/Vehicle/Smoke & Fire/Fire Spot/Smoking/Ship
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Focus-free (Fixed Lens)
- Anti-burning
- Temp. Pre-alarm & Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 302^{\circ}\text{F}$) Customizable: $\leq 550^{\circ}\text{C}$ (1022°F)
- Interface: Alarm I/O, Audio I/O, RS485, Micro SD card
- 64.8 × 52 × 52 mm (2.55 × 2.05 × 2.05 inch) without lens
- DC12V

Application Scenarios

Suitable for equipment integration such as shields/ptz, inspection robots, track robots, etc.

Dimensions (mm)



Small Intelligent Thermal Module

SN-TPC4201VT



Long Wave



Pixel Pitch



Temperature Accuracy



Anti-burning



Auto Focus

400 × 300

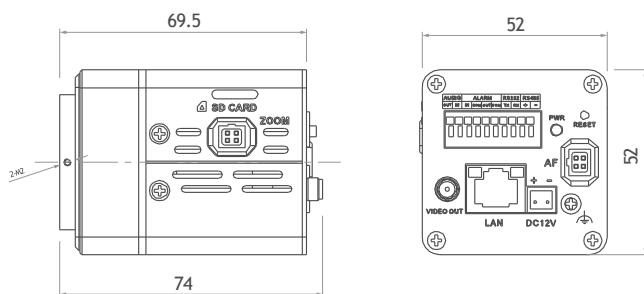


- Thermal: 400 × 300, 17μm, 8/9/15/25/35/50 mm
- Motorized Lens: 25/50/75/100 mm
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People Counting
- Anti-burning
- Temp. Pre-alarm & Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 302^{\circ}\text{F}$)
- Customizable: $\leq 900^{\circ}\text{C}$ (1652°F)
- Interface: Alarm I/O, Audio I/O, RS485, CVBS, Micro SD card
- 74 × 52 × 52 mm (2.91 × 2.05 × 2.05 inch)
- DC12V

Application Scenarios

Suitable for equipment integration such as shields/ptz, inspection robots, track robots, etc.

Dimensions (mm)



Intelligent Thermal Module



SN-TPC4203AT
SN-TPC4201AT



Human
Detection



Vehicle
Detection



Ship
Detection



Smoke/Fire
Detection



Anti-burning

400×300

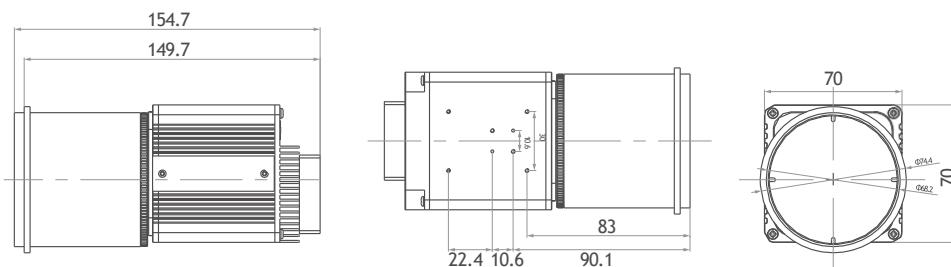


- Thermal: 400 × 300, 17μm, 8~14 μm, 8/15/25/35/50 mm
Motorized Lens: 25/50/75/100 mm
- Deep Learning: Human/Vehicle/Smoke & Fire/Fire Spot/Smoking/Ship
- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area
- People Counting
- Anti-burning
- Temp. Pre-alarm & Alarm
- Support 3 temperature measurement rule types (spot, line, area)
- Temp. Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Temp. Range: $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 302^{\circ}\text{F}$)
Customizable: $\leq 900^{\circ}\text{C}$ (1652°F)
- Interface: Alarm I/O, Audio I/O, RS485, Micro SD card
- DC12V

Application Scenarios

Suitable for equipment integration such as shields/PTZ, inspection robots, track robots, etc.

Dimensions (mm)



Effective Coverage

The Johnson Criterion is the field of infrared thermography used to determine the minimum resolution required to detect objects. The Johnson Criteria levels for infrared thermography are as follows:

- Detection:** At least 15 pixels are required to distinguish objects in the background and in the image.
- Recognition:** At least 6 pixels are required to classify objects (people, vehicles, animals, etc.).
- Identification:** At least 12 pixels are required to identify an object and its features, for example, a human holding a wooden stick.

256x192

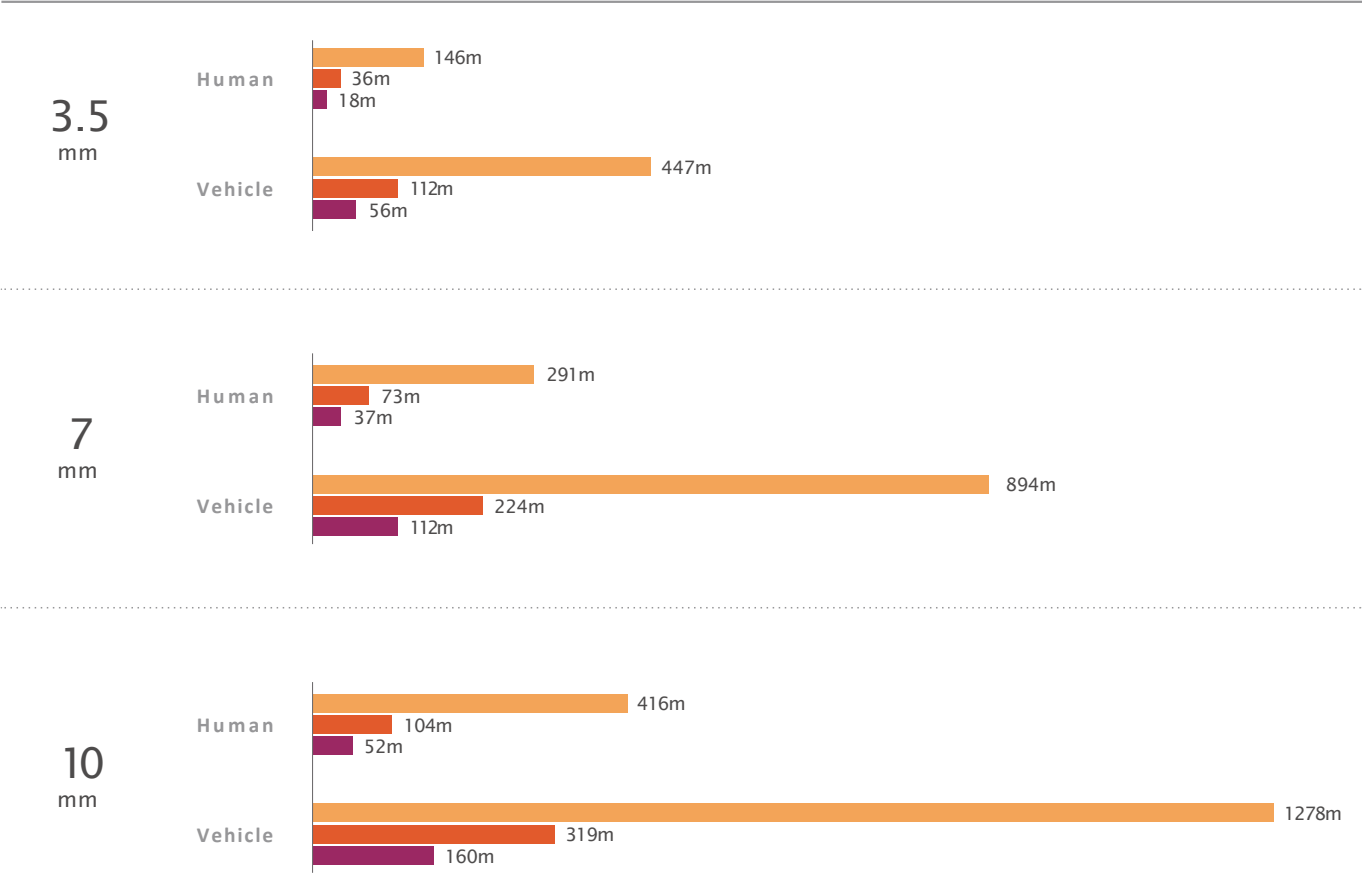
12 μm

 Human:
1.8×0.5 m

 Vehicle:
4×1.5 m

 Fire:
1×1 m

Detection Recognition Identification



400x300

17 μ m

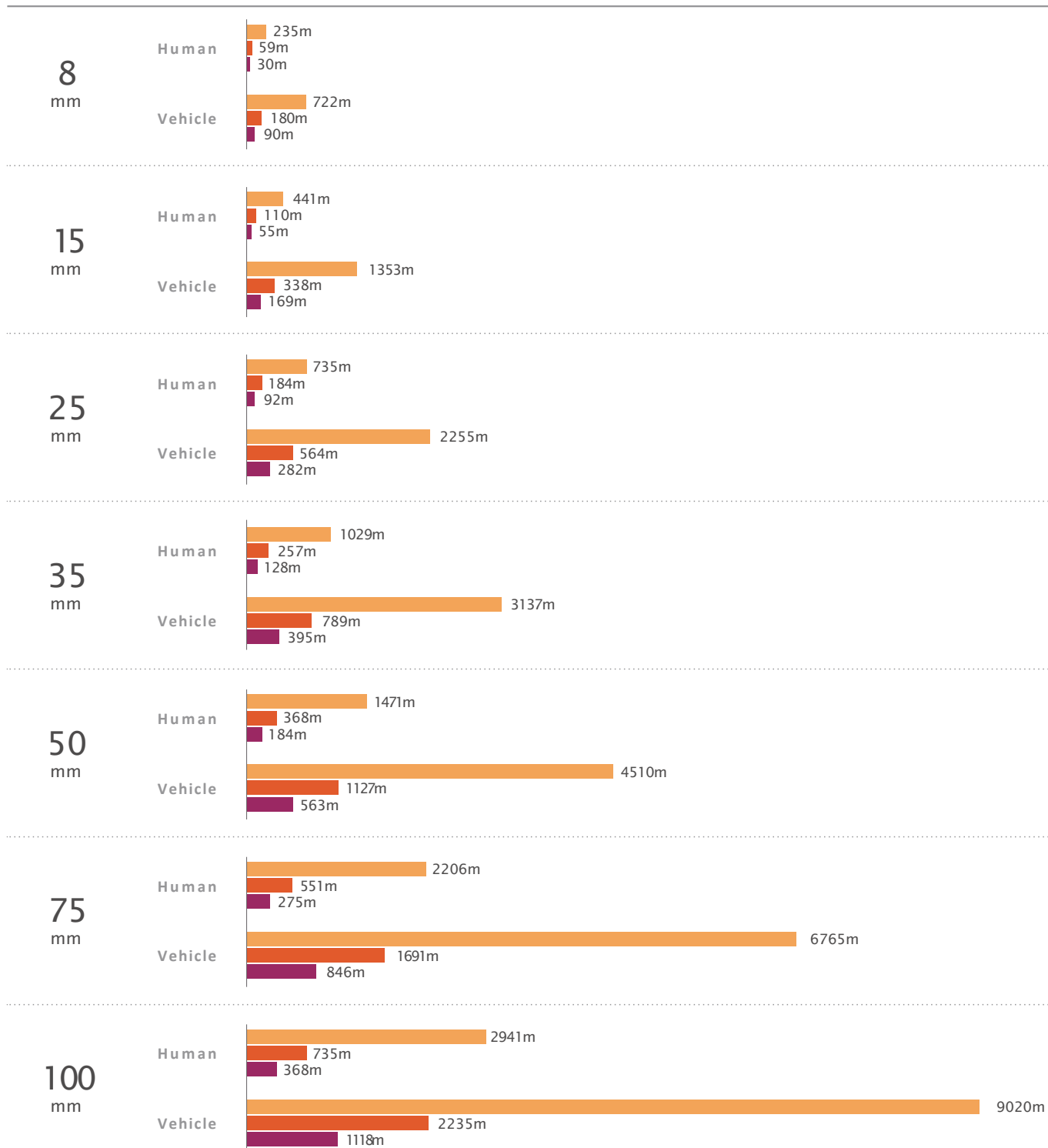


Human:
1.8×0.5 m



Vehicle:
4×1.5 m

● Detection ● Recognition ● Identification



640x512

12 μ m

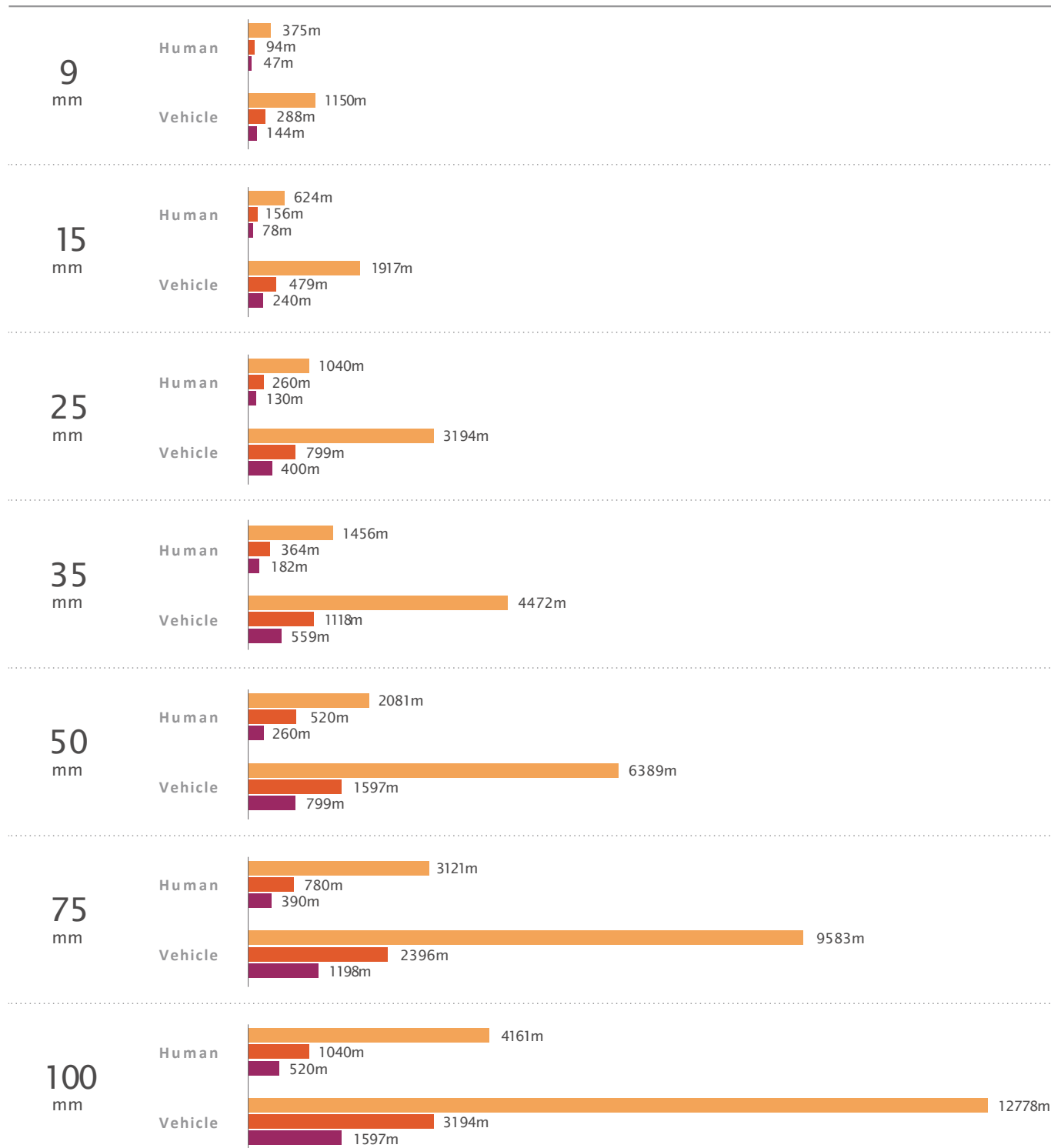


Human:
1.8×0.5 m



Vehicle:
4×1.5 m

● Detection ● Recognition ● Identification





Fire Spot:

1x1 m

● Detection

● Recognition

256x192

12 μm

3.5
mm

146m
49m

7
mm

292m
97m

10
mm

417m
139m

400x300

17 μm

8
mm

235m
78m

15
mm

441m
147m

25
mm

735m
245m

35
mm

1029m
343m

50
mm

1471m
490m

75
mm

2206m
735m

100
mm

2941m
980m

640x512

12 μm

9
mm

375m
125m

15
mm

625m
208m

25
mm

1042m
347m

35
mm

1458m
486m

50
mm

2083m
694m

75
mm

3125m
1042m

100
mm

4166m
1389m

Smart Thermal Product Family

640



Module
SNTPC6406VT



PTZ
SNTPS6457EVT
SNTPS4157EVT



Bullet
SNTPC6406KT



Bi-spectrum PTZ
SNTPT6436QF



Bi-spectrum PTZ
SNTPT6436LZ



Bi-spectrum PTZ
SNTPT6436ZZ



Bi-spectrum PTZ
SNTPT6436HZ



Bi-spectrum PTZ
SNTPT6436MZ

400



Module
TPC4201VT



Module
TPC4203AT
TPC4201AT



Bi-spectrum PTZ
TPT4233QF



Bullet
SNTPC4203KT
SNTPC4201KT



Bi-spectrum Bullet
SNTPC4233DJT



Bi-spectrum PTZ
SNTPT4233LZ



Bi-spectrum PTZ
SNTPT4233ZZ



Bi-spectrum PTZ
SNTPT4233HZ



Bi-spectrum PTZ
SNTPT4233MZ

256



Bi-spectrum Cube
SND2



Bi-spectrum Cube
SND2L



Bi-spectrum Turret
SNTPC2553CT
SNTPC2552CT



Bi-spectrum Bullet
SNTPC2553DRT

Explosion
Proof



Bullet
SNTPH6406DA
SNTPH4203DA



Bi-spectrum PTZ
SNTPT6436PA
SNTPT4233PA



Independent
Development



Complete
Category



Customized
Service



2012
Year Founded



18+
Employees



NDAA- TAA
100% Realiable



Real Safe
Products



Exclusive Partnerships

Limited partners in Europe
No internet sales
Stock for Partners
Low ODM/OEM possible

Offices:
Amsterdam-Leipzig
Warehouse:
Amsterdam – Leipzig

Certifications:
ISO9001 – ISO14001
ISO18001

Sales:
Minimum 18 years experience(RSE)
Support:
Minimum 12 years Experience
Linux – Windows- API - SDK
Dev Ops:
Linux Certified Sysadm
Cisco CCNA I on II
Aries Certified server+
Microsoft MCSA/HTML5/CSCL
certified partner
Redhat Certified Partner

Chinese Components
SOC NXP/Texas Instruments
Processor Sony IMX37
Tamron Lenses
Dillux Steel
Rigids screws

Production:
Taiwan – Vietnam – Germany
Firmware:
Controlled Malwarefree(Xebia)
Warranty:
Full coverage 7 Years(Insurance)

SRTP Encryption
ENCRYPTION Key Management
Multi-factor authentication
Strong Password Policy
HTML5
802.1X Security
HTTPS
VPN
Malware free Firmware



Support

Own firmware
Integration (API- SDK)
Side Surveys
Demo Truck for Roadshows
FAT – SAT Test



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