



STAY AHEAD OF THE FLAMES

Hikvision Thermal Products

HIKVISION®

ABOUT HIKVISION

Leading Provider of AIoT Products and Solutions

Hikvision is committed to serving various industries through its cutting-edge technologies of machine perception, artificial intelligence, and big data, leading the future of AIoT:



Through comprehensive machine perception technologies, we aim to help people better connect with the world around them.



With a wealth of intelligent products, we strive to identify diverse demands by delivering intelligence at your fingertips.



Through innovative AIoT applications, we are dedicated to empowering every individual to enjoy a better future by building an intelligent world that is more convenient, efficient and secure.

Dynamic Growth & Global Impact

Dynamic Growth

 **\$ 12.68 B** Total revenue in 2023

 **28%** Compound annual growth rate from 2010 to 2023

 **58,000+** Employees worldwide

*Based on the average exchange rate in 2023: USD 1 = RMB 7.0467

Global Coverage

 **4**
Regions: Pan Asia Pacific, Pan Europe, Middle East and Africa, Americas

 **80**
Subsidiaries and branch offices outside the Chinese mainland

 **18**
Regional logistics centers

 **400+**
After-sales service points

Business Scope

Core Business

Public Service Business	Smart city Urban governance	Intelligent traffic Public transport ...
Enterprise Business	Retail Logistics Energy	Education Healthcare Manufacturing ...
SMB Business	One-stop solutions with intelligent products, covering video security, access control, intercom, alarms, etc.	

8 Innovative Businesses

 Smart Home

 Automotive Electronics

 Robotics

 Intelligent Storage

 Fire Security

 Infrared Sensing

 X-Ray Detection

 Medical Imaging

SMALL-AREA FIRE PREVENTION



Warehouses



Data Centers



Factories



Battery Storage Factories



E-Charging Stations



Temperature Detection

Provides non-contact temperature measurement for fast and visible detection, so actions can be taken early enough to prevent a fire before the worst happens.



Light & Audio Warning

Detects threats in a timely manner and triggers a strobe light with customizable audio alarms.

HeatPro

MEDIUM-AREA FIRE PREVENTION



Forklift Filter

With the help of an AI algorithm, Hikvision thermography cameras recognize and ignore the heat from forklift engines to reduce unwanted alarms.



Sun Reflection

Our thermography cameras can analyze potential fire points. In the case of overexposure, the alarm will be filtered out.

Certified
CNPP





Industrial Scenarios



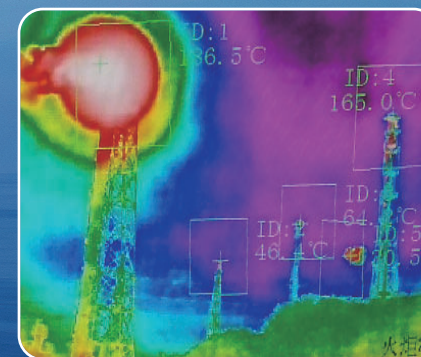
Electrical



Manufacturing



Waste & Recycling



Energy

LARGE-AREA FIRE PREVENTION

Excellent for protection in natural areas, both public and private



Wide Coverage

Hikvision thermal PT cameras cover vast areas with fewer installation points for maximum cost reduction.



Stability

Since remote device replacement is difficult, Hikvision products are designed for maximum stability and durability.



Accuracy

Our solution boosts low false alarm rates and timely, accurate detections to reduce potential losses.



Timeliness

Our solution provides 24/7 monitoring and detects fires as early as possible, deploying patrol routes to shorten intervals.

Thermal Channel: Fire Source Detection

Thermal fire source detection algorithms locate suspicious heat sources. They compare temperatures between a target and environment to detect differences against the set threshold.

Optical Channel: Smoke Detection

Optical lenses in PTZ cameras deliver smoke detection as a supplement to thermal fire-source detection. Since smoke comes before fire, and fire may be covered by leaves or terrain, the smoke detection algorithm helps to locate hazards early.



National Forests



High-Value Plantations



Wildlife Parks

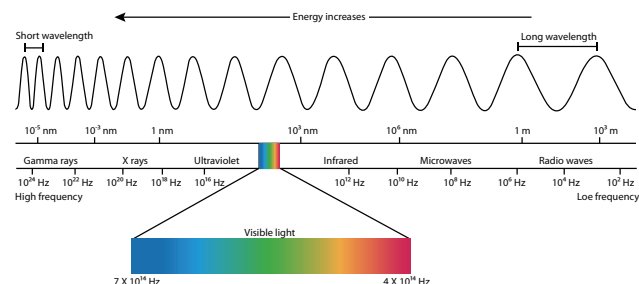


Large Resorts

THE BASICS OF THERMAL CAMERAS

Each type of radiation has a unique wavelength.

Any object with a temperature above absolute zero can emit a detectable amount of infrared radiation. The higher an object's temperature, the more infrared radiation is emitted.



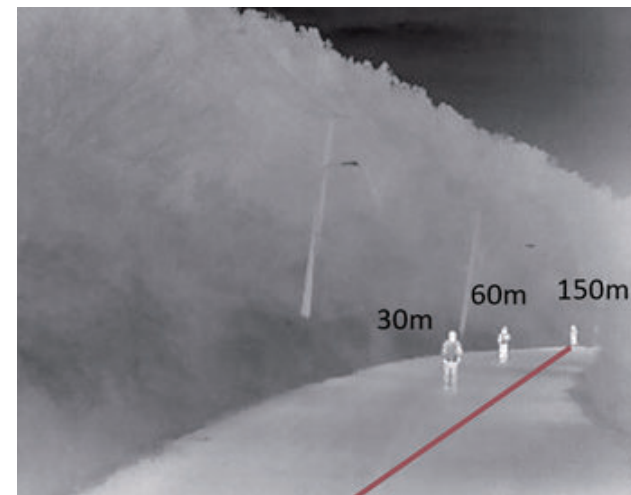
While invisible to human eyes, thermal cameras detect this kind of radiation (from wavelength 8 to 14 μm , or 8,000 – 14,000 nm) and produce images using temperature differences, making it possible to see the environment without visible light.

An infrared camera's effective range is what is meant by "seeing an object". Defined thresholds, known as Johnson's Criteria, refer to the minimum number of pixels necessary to either detect, recognize, or identify targets captured by scene imagers. The lower limits of detection, recognition, and identification (DRI), according to Johnson criteria are:

Detection: In order to distinguish an object from the background, the image must be covered by 1.5 or more pixels.

Recognition: In order to classify the object (animal, human, vehicle, boat, etc.), the image must have at least 6 pixels across its critical dimension.

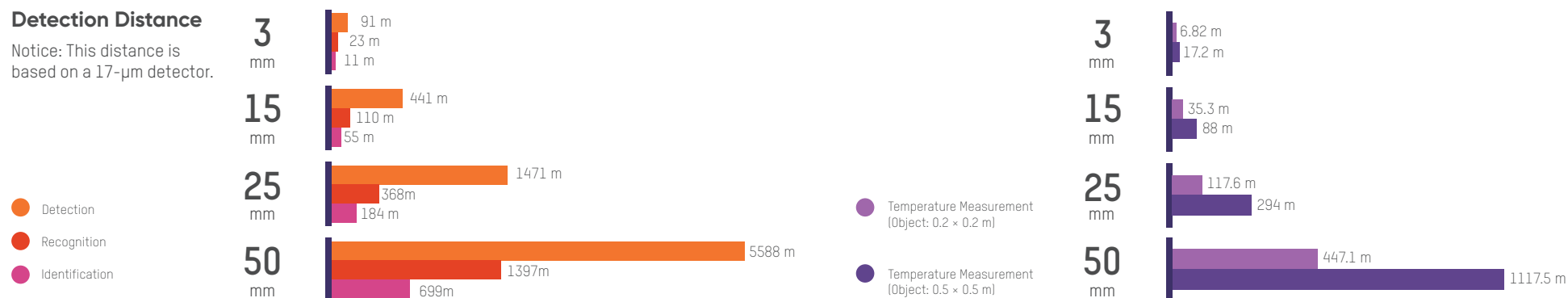
Identification: In order to identify the object and describe it in details, the critical dimension must be at least 12 pixels across.



Detection, recognition and identification distances (with 8 mm lens)

Detection Distance

Notice: This distance is based on a 17- μm detector.





WHY DO WE USE THERMOGRAPHY CAMERAS FOR TEMPERATURE MEASUREMENT?

Hikvision thermography cameras have been widely used in detecting temperature anomalies before a fire starts, finding hot spots and invisible defects on machinery or electrical systems that could indicate a potential problem. These cameras are also used for surveying areas that are hard to reach with conventional measurement tools.

Detect Fire Risks Right Away



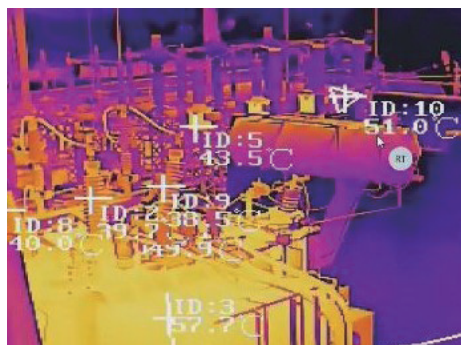
Hikvision thermography cameras can efficiently identify temperature anomalies with visualized images. When the surface temperature of an object is abnormal, the camera will immediately trigger the alarm for fast and accurate troubleshooting.

Real-Time Warnings



Identifies temperature anomalies within a few seconds to help protect your property.

Get Accurate Temperatures Instantly



Through strict calibration and standardized testing procedures, Hikvision has established a temperature measurement model that offers high accuracy up to $\pm 2^\circ\text{C}$ or $\pm 2\%$ (whichever is greater), along with a wide range from 20 to 550°C (-4°F to $1,022^\circ\text{F}$).

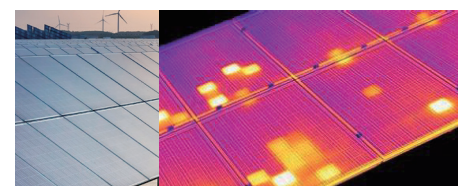
Flexible measurement rules help create more sensing methods.

Non-contact Inspection



Prevents damage to facilities and operations while providing continuous monitoring.

Visualized Image



Presents heating distribution clearly to visualize fire locations easily.

PRODUCT MODELS

DS-2TD2628T/QA

Thermographic Network Bullet Camera



Thermal: 256 x 192, 12 μ m, Optical: 2688 x 1520
 Lens (Thermal): 3 / 7 mm
 Lens (Optical): 4 / 6 mm
 FOV (Thermal): 3 mm: 50.0 x 37.3°; 7 mm: 24.9 x 18.7°
 Audible Alert and Strobe Light
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch., of relay outputs (alarm response actions configurable)
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 IP67, IK10

DS-2TD1228T/QA(B)

Thermographic Network Turret Camera



Thermal: 256 x 192, 12 μ m, Optical: 2688 x 1520
 Lens (Thermal): 2 / 3 mm
 Lens (Optical): 2 / 4 mm
 FOV (Thermal): 2 mm: 90.0 x 65.4°; 3 mm: 50.0 x 37.3°
 Audible Alert and Strobe Light
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 No Alarm Input
 Alarm Output: 2 ch., of relay outputs (alarm response actions configurable)
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 IP66

HM-TD3028T/Q(B)

Thermographic Network Cube Camera



Thermal: 256 x 192, 12 μ m, Optical: 2688 x 1520
 Lens (Thermal): 2 / 3 mm Lens (Optical): 1.4 mm
 FOV (Thermal): 2 mm: 90.0 x 64.2°; 3 mm: 50.0 x 37.2°
 Smart white light supplement
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 No Alarm Input
 Alarm Output: 2 ch., of relay outputs (alarm response actions configurable)
 Operating Temperature: -20 to 60°C (-4 to 140°F)
 IP67

HM-TD2037T/X

Thermographic Network Automation Camera



Thermal: 384 x 288, 17 μ m
 Lens (Thermal): 4 / 7 / 10 / 15 / 25 mm
 FOV: 4 mm: 90 x 65.2°; 7 mm: 60 x 44.1°; 10 mm: 37.5 x 28.5°; 15 mm: 24.3 x 18.4°; 25 mm: 14.8 x 11.2°
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 1 ch. of input (0-3.3 VDC)
 Alarm Output: 1 ch. of relay outputs, alarm response actions configurable
 Operating Temperature: -20 to 50°C (-40 to 149°F)
 IP40

DS-2TD2137T/QY

Thermographic Network Bullet Camera



Thermal: 384 x 288, 17 μ m
 Lens: 4 / 7 mm
 FOV: 4 mm: 90 x 65.3°; 7 mm: 60 x 44.1°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°C)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 NEMA4X Anti-corrosion standard
 IP67, IK10

DS-2TD2167T/P

Thermographic Network Bullet Camera



Thermal: 640 x 512, 17 μ m
 Lens: 7 mm
 FOV: 7 mm: 88.5 x 73.2°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 IP67, IK10

HM-TD2168T/G0/T1Y

Thermographic Network Bullet Camera



Thermal: 640 x 512, 12 μ m
 Lens: 5 mm
 FOV: 90 x 70.1°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 650°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
 Built-in EIS and TPM2.0 Encryption Module
 Operating Temperature: -40 to 70°C (-40 to 158°F)
 NEMA4X Anti-Corrosion Standard
 IP67, IK10

DS-2TD2637T/QY

Thermographic Network Bullet Camera



Thermal: 384 x 288, 17 μ m, Optical: 2688 x 1520
 Lens: 7 / 10 / 15 mm
 FOV: 7 mm: 60 x 44.1°; 10 mm: 37.5 x 28.5°; 15 mm: 24.5 x 18.5°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 NEMA4X Anti-corrosion standard
 IP67, IK10

HM-TD2638T/G0/T1Y

Thermographic Network Bullet Camera



Thermal: 384 x 288, 12 μ m, Optical: 2688 x 1520
 Lens: 4 / 8 / 10 mm
 FOV: 4 mm: : 60.2 x 45°; 8 mm: 35 x 26.1°;
 15 mm: 26.5 x 19.8°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 650°C (-4 to +1,202°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response
 actions configurable
 Built-in EIS
 Operating Temperature: -40 to 70°C (-40 to 158°F)
 NEMA4X Anti-Corrosion Standard
 IP67, IK10

DS-2TD2667T/P

Thermographic Network Bullet Camera



Thermal: 640 x 512, 17 μ m, Optical: 2688 x 1520
 Lens: 15 mm
 FOV: 15 mm: 42.5 x 33.6°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to
 +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response
 actions configurable
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 IP67, IK10

HM-TD2668T/G0/T1Y

Thermographic Network Bullet Camera



Thermal: 640 x 512, 12 μ m, Optical: 2688 x 1520
 Lens: 10 mm
 FOV: 10 mm: 45.1 x 35.7°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 650°C (-4 to
 +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 2 ch. of inputs (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response
 actions configurable
 Built-in EIS and TPM2.0 Encryption Module
 Operating Temperature: -40 to 70°C (-40 to 158°F)
 NEMA4X Anti-Corrosion Standard
 IP67, IK10

HM-TD2067T/X

Thermographic Network Automation Camera



Thermal: 640 x 512, 17 μ m
 Lens (Thermal): 6 / 15/ 25 mm
 FOV: 6 mm: 88.5 x 73.2°, 15 mm: 41.9 x 33.4°, 25 mm: 24.5
 x 19.7°
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to
 +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: 1 ch. of input (0-3.3 VDC)
 Alarm Output: 1 ch. of relay outputs, alarm response
 actions configurable
 Operating Temperature: -20 to 50°C (-40 to 149°F)
 IP40

DS-2TD4228T/S2

Network Bi-Spectrum Speed Dome



Thermal: 256 x 192, 12 μ m, Optical: 2688 x 1520
 Thermal (Lens): 7/10 mm; Optical: 4.8-153 mm, 32X FOV:
 7 mm: 25 x 18.8° 10 mm: 18.1 x 13.6°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to
 +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: Up to 7 ch. of input (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response
 actions configurable
 Operating Temperature: -30 to 65°C (-22 to 149°F)
 IP66

DS-2TD4137T/W(B)

Network Bi-Spectrum Speed Dome



Thermal: 384 x 288, 17 μ m, Optical: 2688 x 1520
 Thermal (Lens): 9 / 25mm; Optical: 6-240 mm
 FOV: 9 mm: 37.9 x 28.7 °; 25 mm: 14.9 x 11.2 °, VCA: Line
 crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$) Alarm Input: Up
 to 7 ch. of input (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response
 actions configurable
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 IP66, Smart Wiper

HM-TD4137T/WY

Network Bi-Spectrum Speed Dome



Thermal: 384 x 288, 17 μ m, Optical: 2688 x 1520
 Thermal (Lens): 9 / 25 / 50 mm; Optical: 6-240 mm
 FOV: 9 mm: 37.9 x 28.7 °; 25 mm: 14.9 x 11.2°, 50 mm: 7.5
 x 5.6°
 VCA: Line crossing / Intrusion / Region entry & exit
 Temperature Exception / Anomaly
 Temperature Exception Range: -20 to 550°C (-4 to
 +1,022°F)
 Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
 Alarm Input: Up to 7 ch. of input (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response
 actions configurable
 Operating Temperature: -40 to 65°C (-40 to 149°F)
 IP66, smart Wiper, NEMA 4X Anti-Corrosion Housing

DS-2TD4167T/W(B)

Network Bi-Spectrum Speed Dome



Thermal: 640 x 512, 17 μ m, Optical: 2688 x 1520
Thermal (Lens): 9 / 25 mm; Optical: 6-240 mm
FOV: 9 mm: 72.0 x 56.1°; 25 mm: 24.5 x 19.7°; VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
Alarm Input: Up to 7 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 65°C (-40 to 149°F)
IP66, Smart Wiper

HM-TD4167T/WY

Network Bi-Spectrum Speed Dome



Thermal: 640 x 512, 17 μ m, Optical: 2688 x 1520
Thermal (Lens): 9 / 25 mm; Optical: 6-240 mm
FOV: 9 mm: 72.0 x 56.1°; 25 mm: 24.5 x 19.7°; VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$) Alarm Input: Up to 7 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 65°C (-40 to 149°F)
IP66, Smart Wiper, NEMA 4X Anti-Corrosion Housing

HM-TD5528T/W

Network Bi-Spectrum Mini PTZ Camera



Thermal: 256 x 192, 12 μ m, Optical: 2688 x 1520
Thermal (Lens): 10 / 15 mm, Optical: 4MP, 4.8-153 mm
FOV: 10 mm: 17.5 x 13.1°; 15 mm: 11.7 x 8.8°; VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
Alarm Input: 2 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 70°C (-40 to 158°F)
IP67

HM-TD5537T/W

Network Bi-Spectrum Mini PTZ Camera



Thermal: 384 x 288, 17 μ m, Optical: 2688 x 1520
Thermal: 7 / 15 / 25 mm, Optical: 4MP, 4.8-153 mm
FOV: 7 mm: 54.8 x 42.5°; 15 mm: 24.55 x 18.54°; 25 mm: 14.9 x 11.2°
VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550 °C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
Alarm Input: 2 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 70 °C (-40 to 158°F)
IP67

HM-TD5567T/W

Network Bi-Spectrum Mini PTZ Camera



Thermal: 640 x 512, 17 μ m, Optical: 2688 x 1520
Thermal: 7 / 15 / 25 mm; Optical: 4MP, 4.8-153 mm
FOV: 7 mm: 88.5 x 73.2°; 15 mm: 41.7 x 33.3°; 25 mm: 24.9 x 20°
VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550 °C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
Alarm Input: Up to 2 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 70°C (-40 to 158°F)
IP67

DS-2TD6237T/W

Network Bi-Spectrum Positioning System



Thermal: 384 x 288, 17 μ m, Optical: 2688 x 1520
Thermal: 25 / 50 mm; Optical: 4MP, 6-240 mm
FOV: 25 mm: 14.88 x 11.19°; 50mm: 7.47 x 5.61°
VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
Alarm Input: Up to 7 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 65°C (-40 to 149°F)
IP66

DS-2TD6267T/W

Network Bi-Spectrum Positioning System



Thermal: 640 x 512, 17 μ m, Optical: 2688 x 1520
Thermal: 25 / 50 mm; Optical: 4MP, 6-240 mm
FOV: 25 mm: 24.55 x 19.75°; 50mm: : 12.42 x 9.95°
VCA: Line crossing / Intrusion / Region entry & exit
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 550°C (-4 to +1,022°F)
Temperature Accuracy: Max ($\pm 2^\circ\text{C}$, $\pm 2\%$)
Alarm Input: Up to 7 ch. of input (0-5 VDC)
Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
Operating Temperature: -40 to 65°C (-40 to 149°F)
IP66

DS-2TD8167/WY
**Network Bi-Spectrum
Positioning System**


Thermal : 640 × 512, 17 μm; Optical : 4: 2688 × 1520 2: 1920 × 1080
 Thermal Lens: 150 / 190 / 230 mm
 Optical Lens: C (6-336 mm) / E (10-780mm) / G (16.7-1000 mm)
 FOV: 150 mm: 4.15 × 3.32°; 190 mm: 3.46 × 2.77°; 230 mm: 2.83 × 2.27°
 VCA: Line crossing / Intrusion / Region entrance / Region exiting / Temperature exception
 Temperature Exception Range : -20 to 150°C (-4 to +302°F)
 Temperature Accuracy : ±8°C (±14.4°F)
 Working Temperature : -40 to 65°C (-40 to 149°F)
 Anti-Corrosion Coating (Y); Supplemental Light (L)
 IP66

HM-TD8167/W
**Network Bi-Spectrum
Positioning System**


Thermal : 640 × 512, 17 μm; Optical : 4: 2688 × 1520; 2: 1920 × 1080
 Thermal Lens: 100 / 150 / 190 / 230 mm
 Thermal Lens: C (6-336 mm) / E (10-780 mm) / G (16.7-1000 mm)
 FOV: 100 mm: 6.2 × 5°; 150 mm: 4.15 × 3.32°; 190 mm: 3.46 × 2.77°; 230 mm: 2.83 × 2.27°
 VCA: Line crossing / Intrusion / Region entrance / Region exiting / Temperature exception
 Temperature Exception Range : -20 to 150°C (-4 to +302°F)
 Temperature Accuracy: ±8°C (±14.4°F)
 Working Temperature : -40 to 65°C (-40 to 149°F)
 Anti-Corrosion Coating (Y); Supplemental Light (L)
 IP66

DS-2TD95C8/W
**Network Bi-Spectrum
Sphere PTZ**


Thermal : 1280 × 1024, 12 μm; Optical 4: 2688 × 1520 2: 1920 × 1080
 Thermal Lens: 150 / 190 / 300 mm
 Optical Lens: 2 MP, 10-1000 mm/4 MP, 10-800 mm
 FOV: 150 mm: 5.9 × 4.7°; 190 mm: 4.6 × 3.7°; 300 mm: 2.9 × 2.4°
 VCA: Line crossing / Intrusion / Region entrance / Region exiting / Ship detection
 Fire detection distance up to 12.5 km
 Smoke detection distance up to 16 km
 Working Temperature : -40 to 70°C (-40 to 158°F)
 IP67, NEMA 4X

HM-TD95C8/W
**Network Bi-Spectrum
Sphere PTZ**


Thermal: 1280 × 1024, 12 μm; Optical: 2688 × 1520
 Thermal Lens: 150 / 190 / 300 mm
 Optical Lens: 10-800 mm
 FOV: 150 mm: 5.9 × 4.7°; 190 mm: 4.6 × 3.7°; 300 mm: 2.9 × 2.4°
 VCA: Line crossing / Intrusion / Region entrance / Region exiting / Ship detection
 Fire detection distance up to 12.5 km
 Smoke detection distance up to 12 km
 Working Temperature: -40 to 70°C (-40 to 158°F)
 IP67, NEMA 4X

DS-2TD2528T/Q(C)
**Thermography
Explosion-proof Bullet**


Thermal : 256 × 192, 12 μm; Optical : 2688 × 1520
 Thermal Lens : 3 / 7 / 10 mm; Optical Lens: 3.3 / 4 / 8 mm
 FOV: 3 mm: / 7 mm: / 10 mm: 50.0° × 37.3° / 24.9° × 18.7° / 18° × 13.5°
 Temperature Exception Range : -20 to 650°C (-4 to 1,202°F)
 Temperature Accuracy: Max (± 2°C, ± 2%)
 Working Temperature: -40 to 60°C (-40 to 140°F), IP68
 Standard, ATEX, IECEx
 IP68, NEMA 4X

DS-2TD2537T/Q(C)
**Thermography
Explosion-proof Bullet**


Thermal : 384 × 288, 17 μm; Optical : 2688 × 1520
 Thermal Lens: 4 / 10 / 15 mm; Optical Lens: 2 / 4 mm
 FOV: 4 mm: / 10 mm: / 15 mm: 90.0 × 65.4° / 37.9 × 28.7° / 24.2 × 18.4°
 Temperature Exception Range : -20 to 650°C (-4 to 1,202°F)
 Temperature Accuracy: Max (± 2°C, ± 2%)
 Working Temperature: -40 to 60°C (-40 to 140°F)
 IP68 Standard, ATEX, IECEx

DS-2TD2568T/60/T1Y
**Thermography
Explosion-proof Bullet**


Thermal: 640 × 512, 12 μm; Optical: 2688 × 1520
 Thermal: 5 / 15 mm; Optical: 2.3 / 6.4 mm
 FOV: 5 mm / 15 mm: 90.0 × 67.2° / 29.7 × 23.6°
 Temperature Exception Range: -20 to 650°C (-4 to 1,202°F)
 Temperature Accuracy: Max (± 2°C, ± 2%)
 Working Temperature: -40 to 60°C (-40 to 140°F)
 Built in EIS and TPM2.0 Encryption Module
 IP68 Standard, ATEX, IECEx

DS-2TD6567T-H4LX/W
**Thermography
Explosion-proof
Positioning System**

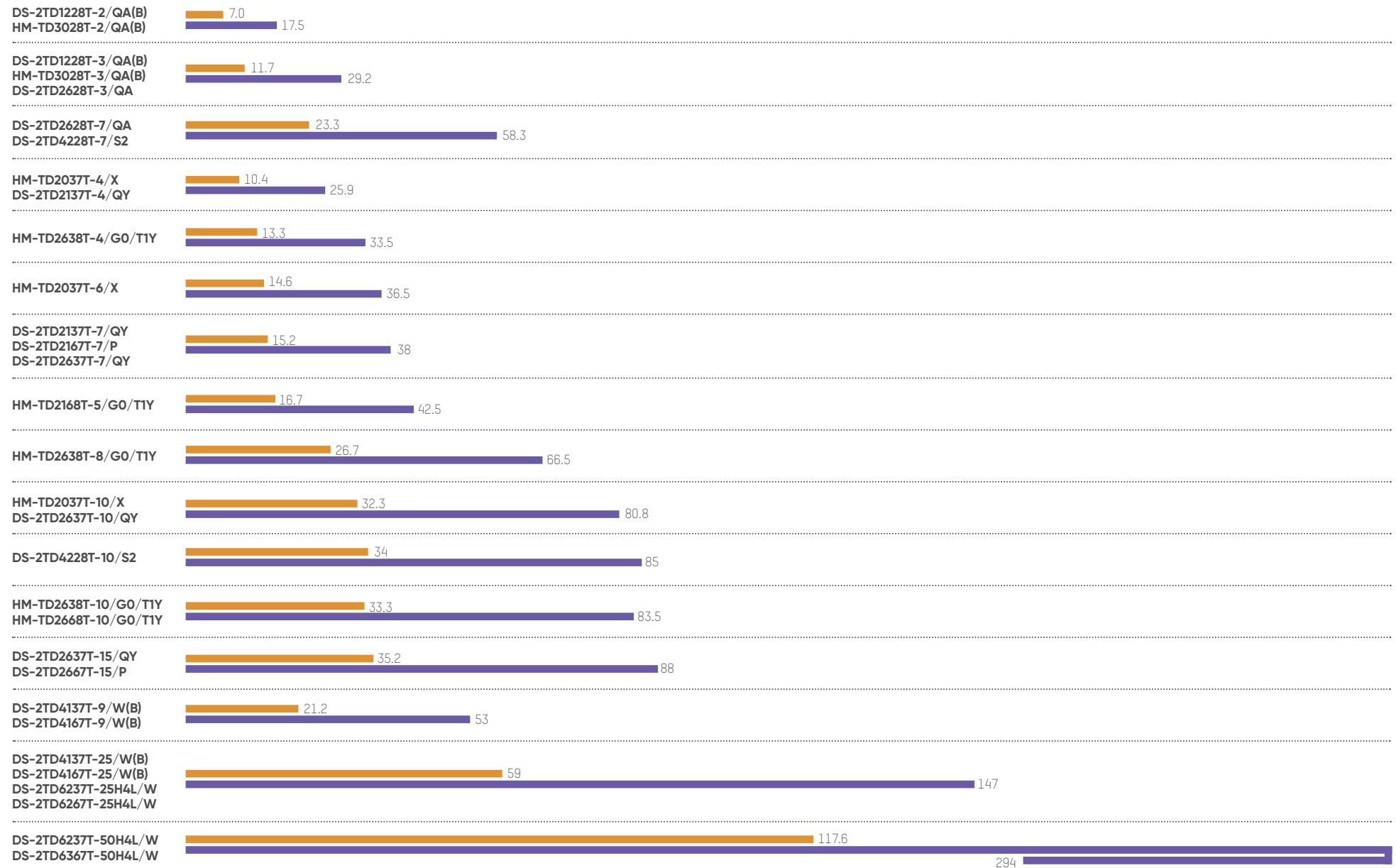

Thermal : 640×512, 17 μm, Optical : 2688 × 1520
 Lens (thermal): 25 / 50 mm
 Lens (optical): 6-240mm, 40X
 FOV: 25 mm: 24.9°×20° / 50 mm: 12.4°×10° (H × V)
 Temperature Exception Range: -20 to 550°C (-4 to 1,022°F)
 Temperature Accuracy: Max (± 2°C, ± 2%)
 Alarm Input: Up to 7 ch. of input (0-5 VDC)
 Alarm Output: 2 ch. of relay outputs, alarm response actions configurable
 Working Temperature: -40 to 60°C (-40 to 140°F)
 IP68 Standard, ATEX, IECEx

Effective Coverage

Small & Medium Area Fire Prevention

Temperature Measurement
(Object: 0.2 × 0.2 m)

Temperature Measurement
(Object: 0.5 × 0.5 m)



Effective Coverage

Large Area Fire Prevention

■ Fire Detection
(Object: 1 × 1m)

■ Smoke Detection
(Object: 5 × 5m)

DS-2TD6267-75C4L/W



DS-2TD6267-100C4L/W
HM-TD8167-100C4F/WY



DS-2TD8167-150ZC4F/W
HM-TD8167-150ZC4F/WY



DS-2TD8167-190ZE2F/W
HM-TD8167-190ZE2F/WY(B)



DS-2TD8167-230ZG2FL/W
HM-TD8167-230ZK4F/WY



DS-2TD95C8-150ZE4FL/W
HM-TD95C8-150ZE4FL/W



DS-2TD95C8-190ZK2FL/W
HM-TD95C8-190ZK4FL/W



DS-2TD95C8-300ZK2FL/W
HM-TD95C8-300ZK4FL/W



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes

[illegible]

STAY AHEAD OF THE FLAMES

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