HIKVISION

HeatPro

Hikvision HeatPro Series Thermal Cameras

Professional Protection Made Simple

FULL PRODUCT
5
YEARS

DETECTOR
10
YEARS

Dedicated to bringing professional protection solutions to the mass market, Hikvision's HeatPro Series Thermal Cameras provide perimeter protection with unparalleled accuracy, and fire detection with superlative sensitivity. The cameras hit the target for cost and performance in a variety of residential, commercial and industrial applications.

THERMAL ADVANTAGES

Super Environmental Adaptability

Thermal View

Visible Light View
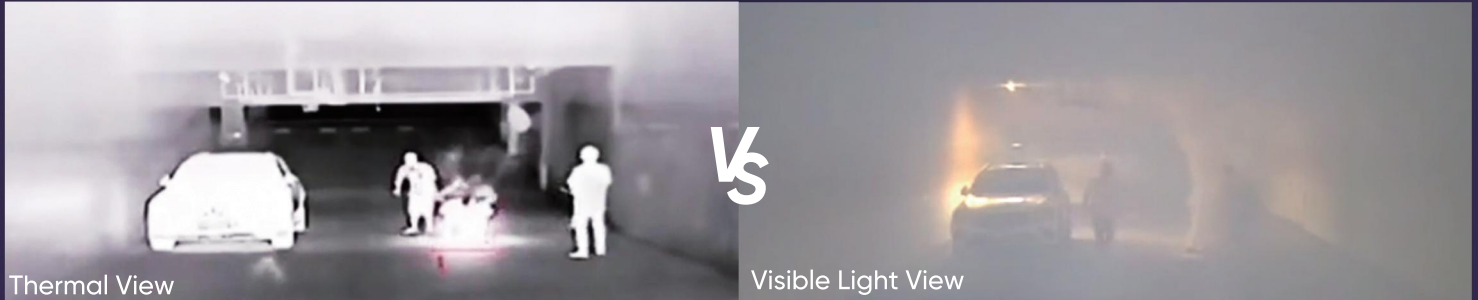
Spots the fire source right away, even in heavy smoke

Thermal View

Visible Light View
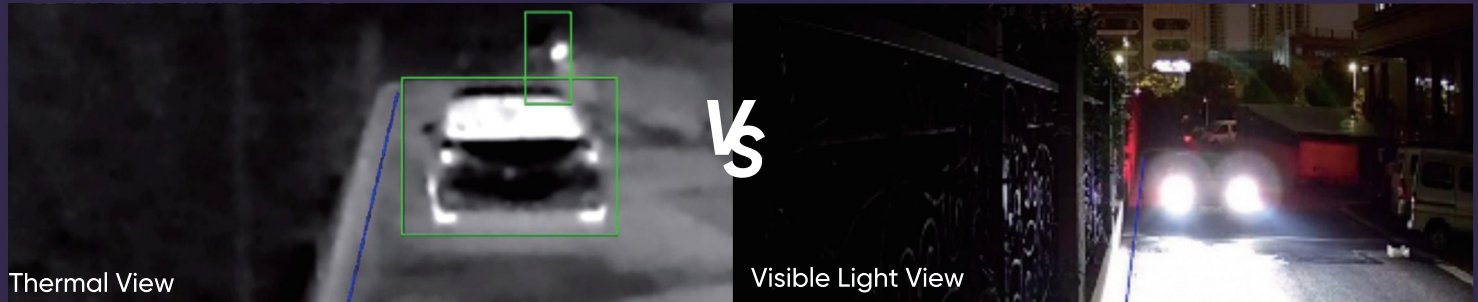
Detect target in strong light/low light/total darkness

See the Unseen

Thermal View

Visible Light View

Detect target hidden in bush

Extended Distance

55m

Thermal View

Visible Light View

Covers much longer distances and requires fewer devices to do so

PERIMETER PROTECTION

SHORT-RANGE PROTECTION

3-steps VCA

With a 3-step configuration, users can easily set up VCA rules for the camera with no need to calibrate manually.

Enable VCA

Draw a detection area

Set human/vehicle as the target

Human & Vehicle Classification

Hikvision's VCA 2.0 is an intelligent video content analysis technology based on deep learning algorithms. It detects and classifies targets into human or vehicle types while filtering out the other objects.

Thermal Lens Detection

Deep Learning Classification

Human

Vehicle

Light & Audio Warning

Our cameras detect intrusion threats in a timely manner and trigger the strobe light and customizable audio alarms. You can achieve arm or disarm easily with a few taps via Hik-Connect.

RESIDENTIALS

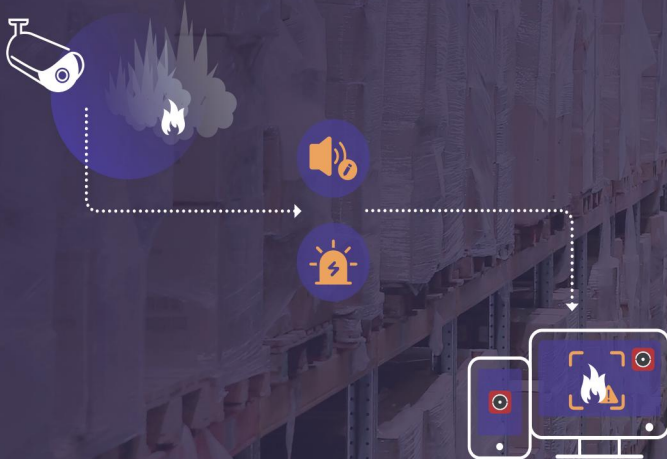**PARKING LOTS**

CONSTRUCTION SITES

BUSINESS PARKS

FIRE PREVENTION

Fire and Temperature Detection

Provides temperature measurement, fire detection, and smoking detection for fast and visible detection.

Sun Reflection

our thermography cameras can analysis and filt the potential false alarm caused by sun reflection

Forklift Filter

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

Non-contact

Non-contact method fire-prevention without effect on normal working of monitor target.

Fast Warning

Caught temperature-exception in only few seconds helps protect your property

Visualized

Heating distribution could be caught clearly help in locate risk point easily.
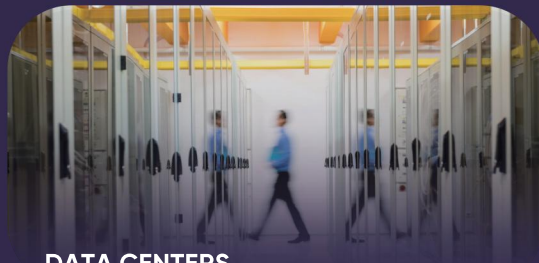
Light & Audio Warning

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

WAREHOUSES

DATA CENTERS
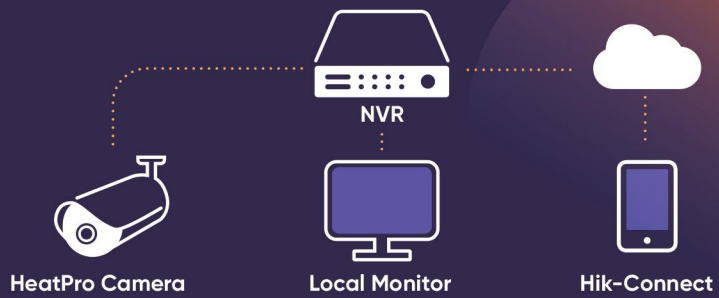

E-CHARGING STATIONS

FACTORIES

BATTERY STORAGE FACTORIES

Demand-based Product Applications

Simpler and faster deployment for SMB users

## Fundamental Protection

Connected to an NVR, HeatPro cameras provide highly-efficient security protection of places like villas, communities, and groceries.

HeatPro Camera   NVR   Local Monitor   Hik-Connect

Intrusion Verification

Linked with AX PRO Hub, HeatPro cameras capture real-time video clips to verify alarms whenever an intrusion event happens.

Switch   HeatPro Camera

AX PRO Hub (M)
DS-PWA96-M-WE

Hik-Connect
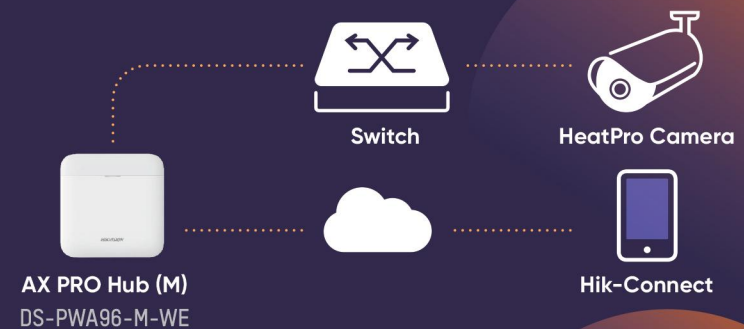
Large-scale Deployment

HeatPro cameras can be deployed on a large scale for more complex projects like chain stores and industrial parks, and managed in a centralized way.

HeatPro Camera

HikCentral Professional   iVMS-4200   milestone
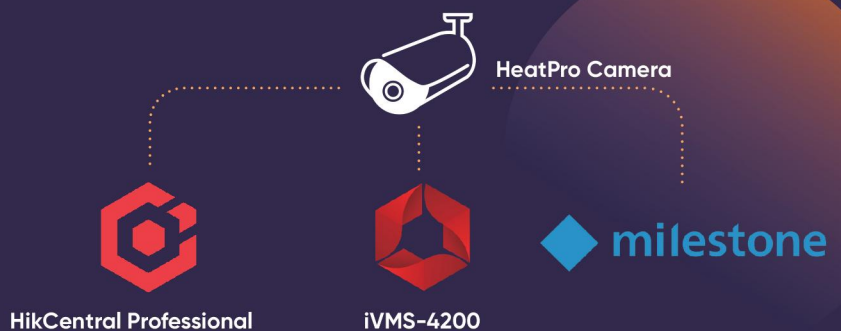
PRODUCT MODELS

DS-2TD2628/QA

Thermal Network Bullet Camera

HeatPro

Thermal: 256 × 192, 12 µm, Optical: 2688 x 1520
Lens (thermal) : 3 / 7 / 10 mm
Lens (optical) : 4 / 6/ 8 mm
VCA : Line crossing / Intrusion / Region entrance /
Region exitingAudible Alert and Strobe Light
Temperature Exception
Temperature Exception Range : -20 to 150°C
Temperature Accuracy : ±8°C
Working Temperature :
-40°C to 65°C (-40° F to 149° F)
IP67

DS-2TD1228/QA

Thermal Network Turret Camera

HeatPro

Thermal: 256 × 192, 12 µm, Optical: 2688 x 1520
Lens (thermal) : 2 / 3 / 7 mm
Lens (optical) : 2 / 4 / 6 mm
VCA : Line crossing / Intrusion / Region entrance /
Region exitingAudible Alert and Strobe Light
Temperature Exception
Temperature Exception Range : -20 to 150°C
Temperature Accuracy : ±8°C
Working Temperature :
-40°C to 65°C (-40° F to 149° F)
IP66

DS-2TD2617/QA

Bi-Spectrum Network Bullet Camera

HeatPro

Thermal: 160 x 120, 17 µm; Optical : 2688 x 1520
Lens (thermal) : 3 / 6 / 10 mm
Lens (Optical) : 4/ 6 / 8 mm
VCA : Line crossing / Intrusion / Region entrance /
Region exitingAudible Alert and Strobe Light
Temperature Exception
Temperature Exception Range : -20 to 150°C
Temperature Accuracy : ±8°C
Working Temperature :
-40°C to 65°C (-40° F to 149°F)
IP67

DS-2TD1217/QA

Thermal Network Turret Camera

HeatPro

Thermal : 160 x 120, 17 µm; Optical : 2688 x 1520
Lens (thermal) : 2 / 3 / 7 mm
Lens (Optical) : 2/ 4 / 6 mm
VCA : Line crossing / Intrusion / Region entrance /
Region exitingAudible Alert and Strobe Light
Temperature Exception
Temperature Exception Range : -20 to 150°C
Temperature Accuracy : ±8°C
Working Temperature :
-40°C to 65°C (-40° F to 149°F)
IP66

DS-2TD4228-10/W

Network Bi-Spectrum Speed Dome

Thermal: 256 × 192 12 µm
Optical: 1920 × 1080
Lens (thermal) : 10 mm; Optical: 4.8-153 mm
FOV: 10mm: 18° × 13.5°
VCA : Line crossing / Intrusion / Region entrance /
Region exiting
Temperature Exception
Temperature Exception Range : -20 to 150°C
Temperature Accuracy : ±8°C
Working Temperature :
-40°C to 65°C (-40° F to 149° F)
IP66

DS-2TD4228T-10/W

Network Bi-Spectrum Speed Dome

Thermal: 256 x 192 12 µm
Optical: 2688 x 1520
Lens (Thermal): 10 mm; Optical: 4.8-153 mm, 32X
FOV: 10mm: 18 x 13.5°
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 (±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
Operating Temperature: -40 to 65°C (-40 to 149° F)
IP66

DS-2TD2628T/QA

Thermographic Network Bullet Camera

HeatPro

Thermal: 256 x 192, 12 µm, 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 150° C
Temperature Accuracy: ±8° C
Operating Temperature: -40 to 65° C
(-40 to 149° F)
IP67

DS-2TD1228T/QA

Thermographic Network Turret Camera

HeatPro

Thermal: 256 x 192, 12 µm, 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 150° C
Temperature Accuracy: ±8° C
Operating Temperature: -40 to 65° C
(-40 to 149° F)
IP66

DS-2TD3017T

Thermographic Network Cube Camera

HeatPro

Thermal: 160 x 120, 17 µm;
Optical: 1600 x 1200
Lens (Thermal): 2 / 3 mm
Lens (Optical): 2 mm
FOV (Thermal): 2 mm: 90.0 x 66.4°; 3 mm: 50.0 x
37.2°Audible Alert and Strobe Light
Temperature Exception / Anomaly
Temperature Exception Range: -20 to 150° C / 20 to 550° C
Temperature Accuracy: ±2° C or 2%
Operating Temperature: -20 to 50° C
(-4 to 122° F)
IP67

Effective Coverage Short Range (20-77 m)

HeatPro Series Cameras   ◼ 🚶 VCA Range (Humans: 1.8 × 0.5 m)   ◼ 🚗 VCA Range (Vehicles: 1.4 × 4.0 m)

Model	Human	Vehicle	FOV	Model	Human	Vehicle	FOV
DS-2TDxx17-2/QA	9	26.5	FOV: 90° × 66.4°	DS-2TD1228-2/QA	17	50.4	FOV: 90° × 65°
DS-2TDxx17-3/QA	15	45.6	FOV: 50° × 37.2°	DS-2TDxx28-3/QA	29	86.4	FOV: 84° × 13°
DS-2TDxx17-6/QA	30	91.2	FOV: 25° × 18.7°	DS-2TDxx28-7/QA	55	165.6	FOV: 25° × 19°
DS-2TD2617-10/QA	48	142.6	FOV: 16° × 12°	DS-2TDXX28-10/QA	78	232.8	FOV: 18° × 14°

Effective Coverage Small & Medium Area Fire Prevention

◼ 🔥 Temperature Measurement (Object: 0.2 × 0.2 m)   ◼ 🔥 Temperature Measurement (Object: 0.5 × 0.5 m)

Model	0.2	0.5	FOV	Model	0.2	0.5	FOV
DS-2TD1228T-2/QA	7.0	17.5	FOV: 84° × 13°	DS-2TD3017T-2/V	4.2	10.6	FOV: 90° × 66.4°
DS-2TD1228T-3/QA DS-2TD2628T-3/QA	12	30	FOV: 25° × 19°	DS-2TD3017T-3/V	7.3	18.2	FOV: 50° × 37.2°
DS-2TD1228T-7/QA DS-2TD2628T-7/QA	23	57.5	FOV: 18° × 14°	DS-2TD4228T-10/W	32	81	FOV: 18° × 14°