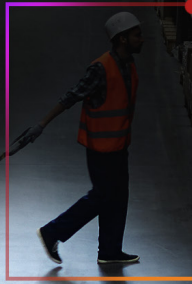# HeatPro
WAREHOUSE PROTECTION

HeatPro Thermal Camera Solutions for Warehouse Industry Scenarios

Security from within and without is a major concern for warehouse managers and employees. From preventing break-ins to detecting fire risks, what are the best options for reacting immediately to prevent damage and loss? Now, Hikvision's HeatPro series of advanced security products offers a professional solution to keep any warehouse safe and secure.

Common Industry Concerns

STORAGE & PACKAGING AREAS

Requirements:
- Protecting goods from risk of fire
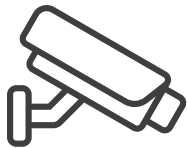- Visualized monitoring in storage areas
- Exterior protections

DISPATCH CENTERS

Requirements:
- Protecting goods from risk of fire
- Visualized tracking of goods
- Employee safety

HEATPRO SERIES ADVANCED FEATURES

24 HOUR BI-SPECTRUM LIVE VIEW

- 4 MP HD Optical channels
- Thermal channel with target colouration
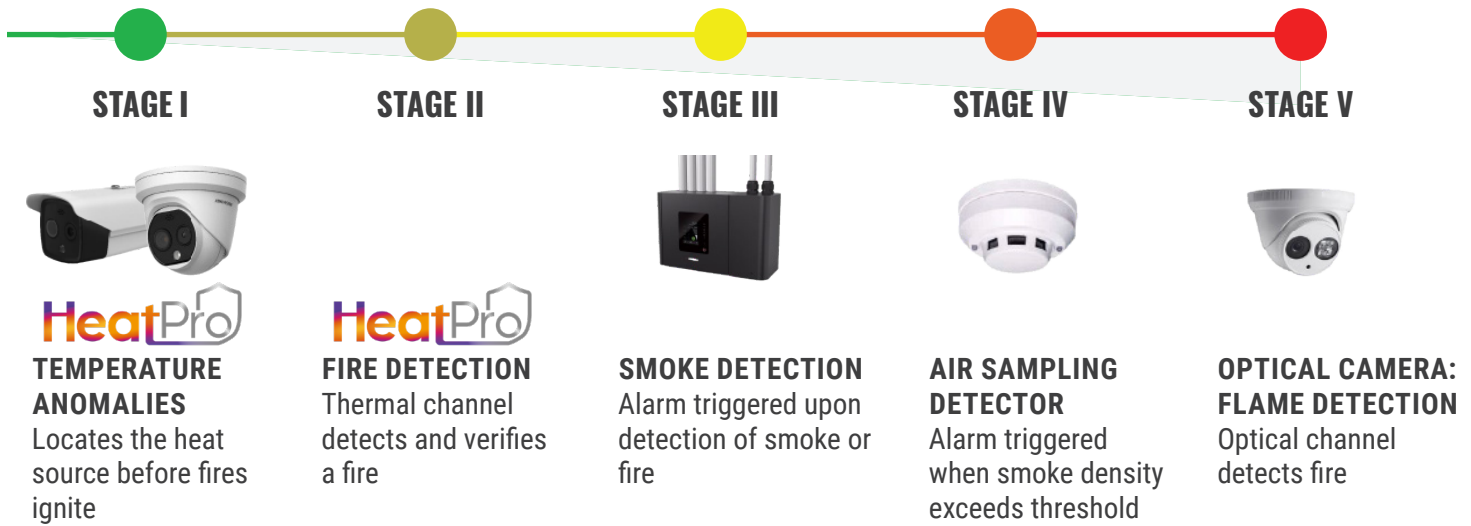- On-screen, real-time temperature information

TEMPERATURE & FIRE DETECTION

- Monitoring temperature anomalies and alarm triggering
- Multiple configurable temperature anomaly rules

ACCURATE PERIMETER DEFENSE

- Detecting intrusions & line crossing events
- Reduced false alarms with human/vehicle classification
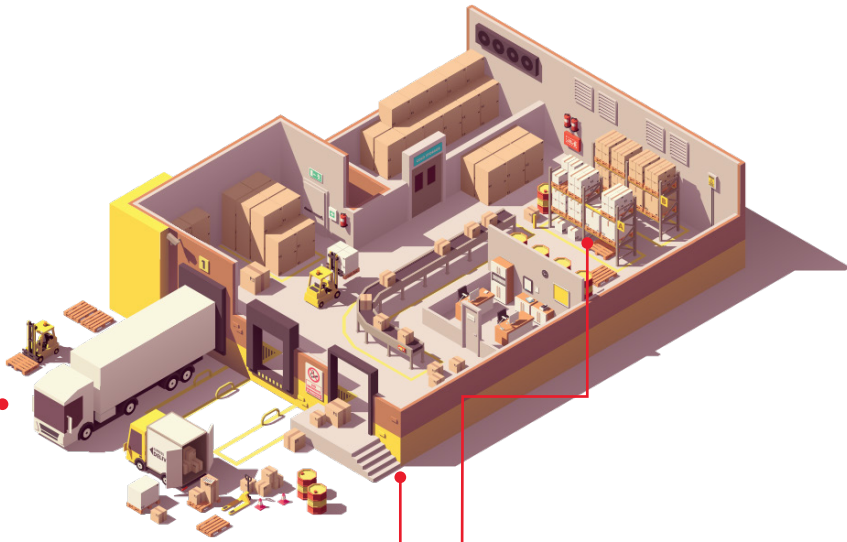- Automated strobe light and audible alerts

MULTI-STAGE FIRE DETECTION SOLUTIONS

STAGE I

HeatPro

TEMPERATURE ANOMALIES
Locates the heat source before fires ignite

STAGE II

HeatPro

FIRE DETECTION
Thermal channel detects and verifies a fire

STAGE III

SMOKE DETECTION
Alarm triggered upon detection of smoke or fire

STAGE IV

AIR SAMPLING DETECTOR
Alarm triggered when smoke density exceeds threshold

STAGE V

OPTICAL CAMERA: FLAME DETECTION
Optical channel detects fire

APPLICATION SCENARIOS

PARKING AREAS
Human/vehicle classification for perimeter protection

EXTERNAL SURROUNDINGS
Automated strobe light and audio alerts

Perimeter Defense
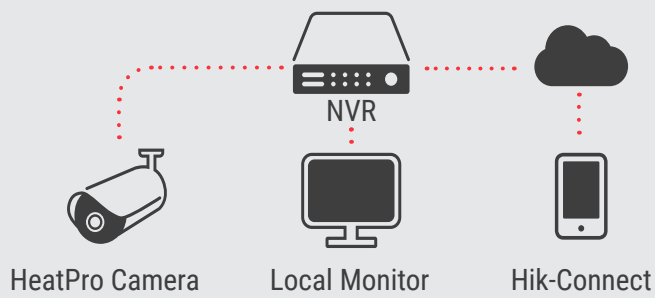Thermal HeatPro cameras cover large areas and detect intrusions & line-crossing events.

STORAGE AREAS
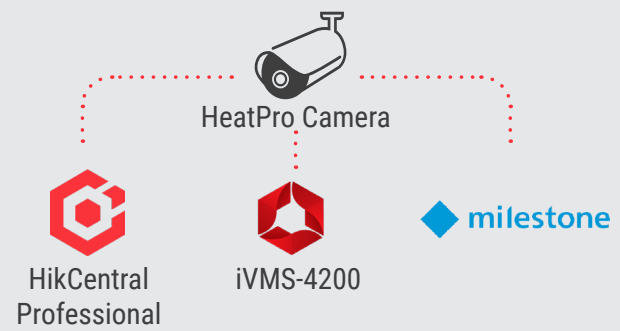Temperature anomaly detection

Real-Time Fire Detection
Thermal HeatPro series cameras large FOV provides wide coverage throughout the warehouse.

FLEXIBLE SOLUTIONS

NVR

HeatPro Camera   Local Monitor   Hik-Connect

HeatPro Camera

HikCentral Professional   iVMS-4200   milestone
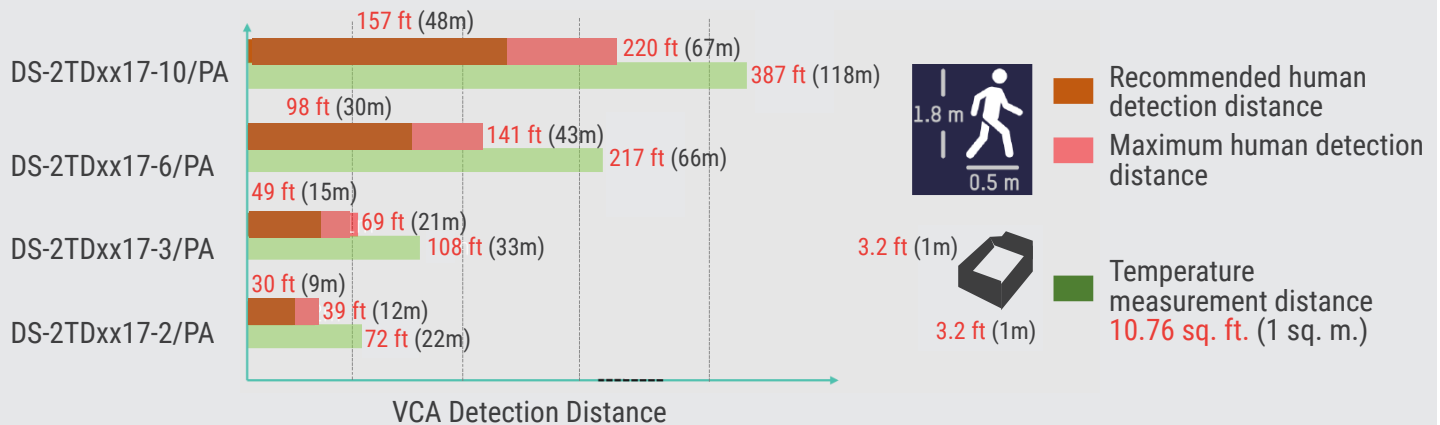
Fundamental Protections
Connected to an NVR, HeatPro cameras provide multiple powerful security protections in small warehouses.

Large-Scale Deployment
HeatPro cameras can be deployed on a large scale for more complex projects – such as chain stores and industrial parks – with centralized management.

VCA PERFORMANCE

DS-2TDxx17-10/PA — 157 ft (48m) | 220 ft (67m) | 387 ft (118m)
DS-2TDxx17-6/PA — 98 ft (30m) | 141 ft (43m) | 217 ft (66m)
DS-2TDxx17-3/PA — 49 ft (15m) | 69 ft (21m) | 108 ft (33m)
DS-2TDxx17-2/PA — 30 ft (9m) | 39 ft (12m) | 72 ft (22m)

VCA Detection Distance

1.8 m / 0.5 m

■ Recommended human detection distance
■ Maximum human detection distance

3.2 ft (1m) / 3.2 ft (1m)

■ Temperature measurement distance
10.76 sq. ft. (1 sq. m.)

MODEL SELECTION

HeatPro

TD1217 Turret Camera
TD2617 Turret Camera

MODELS	FOV (H x V)	TEMPERATURE MEASUREMENT
DS-2TD1217T-2/PA	90.0° x 66.4°	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1 line) Temperature Range: -20°C to 550°C (-4°F to 1022°F) Temperature Accuracy: ± 2°C (±3.6°F)
DS-2TD1217-2/PA	90.0° x 66.4°	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1 line) Temperature Range: -20°C to 150°C (-4°F to 302°F) Temperature Accuracy: ±8°C (±14.4°F)
DS-2TD1217-3/PA	50.0° x 37.2°	
DS-2TD2617-3/PA		
DS-2TD1217-6/PA	25.0° x 18.7°	
DS-2TD2617-6/PA		
DS-2TD2617-10/PA	16.0° x 12.4°	

HIKVISION