

Safe Manufacturing Operations with Advanced Temperature Screening

Temperature Screening: One of the CDC's Recommendations for Reopening Business

Manufacturing facilities have new challenges to ensure safety of workers, inspectors, visitors and assets while operating now. Easy-to-operate Hikvision elevated skin temperature detection cameras can facilitate safe reopening and operations. Highly Accurate Thermal cameras can help you easily and quickly pre-screen employees, visitors, customers and vendors before they enter your business. Pre-screening takes less than one second, is highly accurate, and it offers contactless measurement from a distance.

- Mitigate Risk of Exposure
- Instant One-Second Screening
- Smart—Only Screens Forehead Skin Surface
- Extremely Safe—Contactless Measurement from a Distance
- Accurate up to ± 0.5 Degrees Fahrenheit with Blackbody Calibrator

Key Industries:

- Food Processing
- Clothing and Textile
- Automotive
- Steel and Metal Manufacturing

Application Scenarios



Rapid and effective temperature screening at facility and visitor entry and exit points is critical.

Wireless Temperature Screening: Safely Implement Social Distancing & CDC Screening Recommendations

- Handheld thermographic cameras can be used for visitor entry/exit points and throughout the facility.
- Handheld thermal cameras are accurate up to ±0.9 Degrees Fahrenheit and at distances from 3.3 to 6.6 feet.
- Use our Hik-Thermal app with our thermographic cameras for real-time viewing and reports.



Instant, one-second highly accurate temperature screening. Solutions include:

Bi-Spectrum Live View:

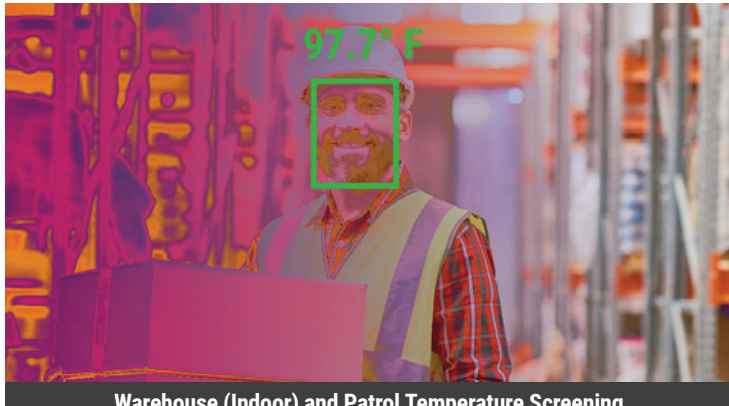
- Hikvision's bi-spectrum camera models combine both thermal and optical imaging to provide excellent visual quality and identification capabilities for office controlled employee entry and exit points.
- Ease of installation with Hikvision's tripod mounting, simple wiring system, and rapid deployment solution.



Use of face masks is widely recommended and is even required in some facilities. Our solutions offer:

Mask Detection and User-Friendly Display Interface:

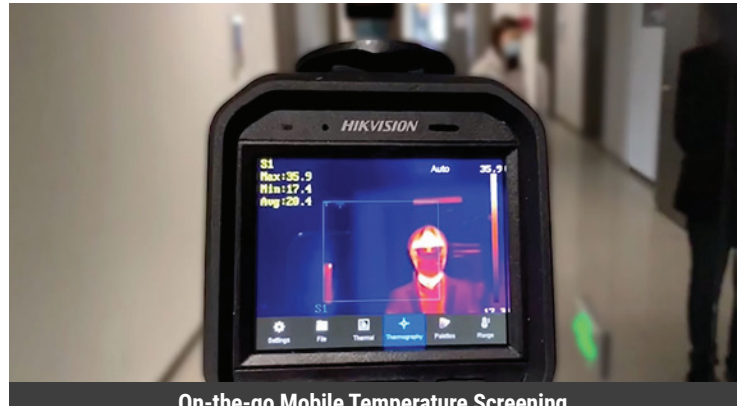
- All-in-one solution uses Hikvision's DeepinMind NVR, and provides these added features:
 - Mask Detection
 - Screening Results are Easy to Understand on User-Friendly Display Interface
 - Search by Picture
- DeepinMind NVR provides:
 - Face Picture Comparison Up to 16 Channels
 - Ample Storage Capacity of 32-Libraries with up to 100,000 Face Images



Mitigate Risk & Safely Operate with Easy-To-Operate Thermal Detection Cameras

Temperature Screening with Access Control:

- Highly Accurate Thermal cameras integrate with Hikvision access control systems for elevated skin-surface temperature detection paired with time & attendance and personnel access control.
- Advanced skin-surface temperature detection works with seamless entry technology, and supports mask /no mask detection.
- Real-time results display, and live notification via video intercom technology.



- Portable handheld thermal device provides easy detection and instant results.
- Accurate up to ±0.9 degrees Fahrenheit, at distance of 3.3 to 6.6 feet, helping to comply with social distancing requirements.

HikCentral Professional CMS

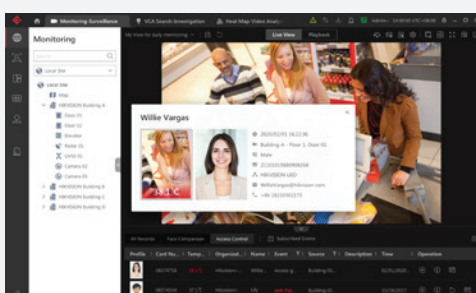
As storage and information recording becomes increasingly important, manufacturing facilities need a central management system.

Central Management of Video Footage:

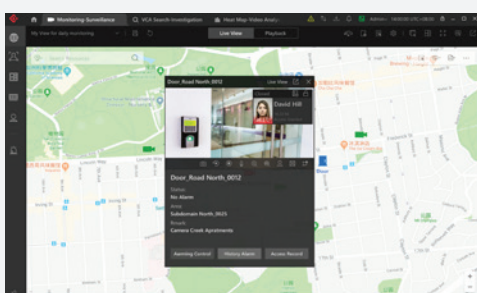
HikCentral Professional, Hikvision's central management system (CMS) provides a powerful, flexible, and efficient system to manage all cameras using a server-client architecture. It also provides:

- Local monitoring, instant alarm pop-ups, and temperature measurement reports
- Identity information registered when elevated skin-surface temperature is detected
- Data can be intuitively searched, displayed and easily exported

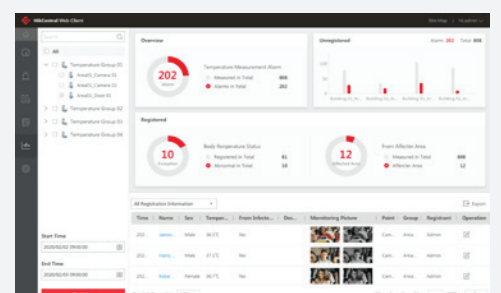
Personnel Access Management & Skin-Temperature Measurement



Real-Time Pop-Up Alarm



Dashboard



Product Showcase

Thermographic Bullet Camera

DS-2TD2617B-6/PA

- Optical: 2688x1520
- Thermal: 160x120, 6 mm lens
- Accuracy of ±0.9° F (±0.5° F with Blackbody Calibrator)
- Effective Range of 4.9 to 9.8 ft.
- Skin-Surface Temperature up to 30 People at a Time
- Face Mask Detection



Thermographic Turret Camera

DS-2TD1217B-3/PA

- Optical: 2688x1520
- Thermal: 160x120, 3 mm lens
- Accuracy of ±0.9° F (±0.5° F with Blackbody Calibrator)
- Effective Range of 2.6 to 4.9 ft.
- Skin-Surface Temperature up to 30 People at a Time
- Face Mask Detection



Thermographic Handheld Camera

DS-2TP21B-6AVF/W

- Thermal Resolution: 160x120
- Optical Resolution: 640x480
- Wi-Fi Supported
- Accuracy of ±0.9° F
- Effective Range of 3.3 to 6.6 ft.
- 3.5-Inch LCD Touch Screen
- Quick Non-Contact Rapid Deployment with Tripod



Blackbody Calibrator

DS-2TE127-G4A

- Temperature Resolution: 0.18° F (0.1° C)
- Accuracy of ±0.18° F (0.1° C)
- Temperature Stability: 0.18°F/h (0.1°C/h)
- Effective Emissivity: 0.97 ± 0.02



DeepinMind NVR

iDS-9632NXI-8/X(B)

- 8-Channel Face Picture Comparison Support
- 32-Library Capacity Up To 100,000 Face Images, Face Mask Detection Support
- Identity Verification & Stranger Alarm



Temperature Measurement Walkthrough Metal Detector

ISD-SMG318LT-F

- 18 Independent Detection Zones, LCD screen
- Thermal Camera Resolution 160x120
- Temperature Range: 86 to 113° F
- Temperature Accuracy: 0.9° F



Temperature Screening Terminal

DS-K1T671TM-3XF

- Face Identification, Temperature Screen, and Mask Detection
- Effective Alarm for No Mask Entrance Prohibited
- Face Capacity: 50,000
- Temperature Accuracy: 0.9° F, Range: 86 to 113° F



Video Intercom Monitoring Tablet

DS-KC001

- 7-Inch Touch Screen Android Indoor station
- Display Resolution: 1024x600
- Remote Temperature Screening & Record Checking, Real-Time Results
- Centralized Data Management up to 100,000 Records
- Abnormal Temperature Alarm



HikCentral Professional CMS

- Local Monitoring
- Instant Alarm Pop-ups
- Temperature Measurement Alarm Reports
- Quick Record Search and Export



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