Airport & Seaport Entrance: Highly Accurate & Contactless Temperature Screening Reduce Risk, Protect People & Assets

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

Airports and seaports face new challenges to safely operate and ensure productivity, while protecting employees, travelers, vendors and assets. Easy-to-operate Hikvision elevated skin temperature detection cameras can facilitate safe reopening and operations. These Highly Accurate Thermal cameras can help you easily and quickly pre-screen employees, personnel, and travelers before they enter airports or seaports. Pre-screening takes less than one second, is highly accurate, and it offers contactless measurement from a distance.

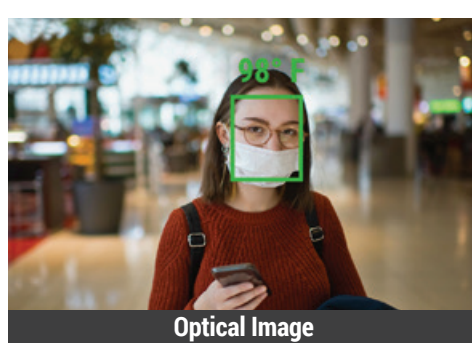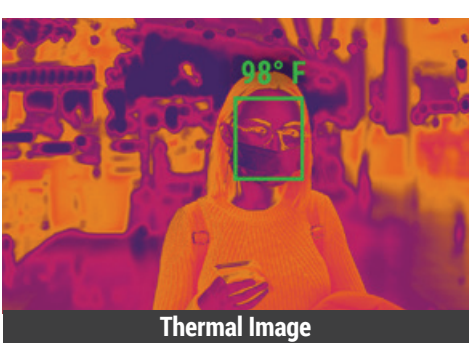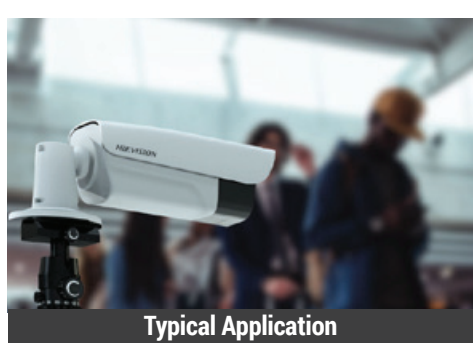| Mitigate Risk of Exposure | Extremely Safe— Contactless Measurement from a Distance | Instant One-Second Screening | Smart—Only Screens Forehead Skin Surface | Accurate up to ± 0.5 Degrees Fahrenheit with Blackbody Calibrator | Flexible—Simple, No-Wire Solutions for a Wide Range of Applications |

Application Scenarios

Typical Application   **Thermal Image**   **Optical Image**

INDOOR ENTRANCE/EXIT TEMPERATURE SCREENING

- Rapid and effective temperature screening at Airports for indoor entry and exit points is critical.
- Hikvision's Highly Accurate Thermal temperature screening solutions support safe operations and include:

Wireless Temperature Screening:

- Safely Implement Social Distancing & CDC Screening Recommendation for Safe Reopening
- Handheld thermographic cameras can be used for indoor entry/exit points.
- Handheld thermal cameras are accurate up to ±0.9° F 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.

INDOOR VISITOR TEMPERATURE SCREENING

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 Indoor visitor entry and exit points.
- Ease of installation with Hikvision's tripod mounting, simple wiring system, and rapid deployment solution.
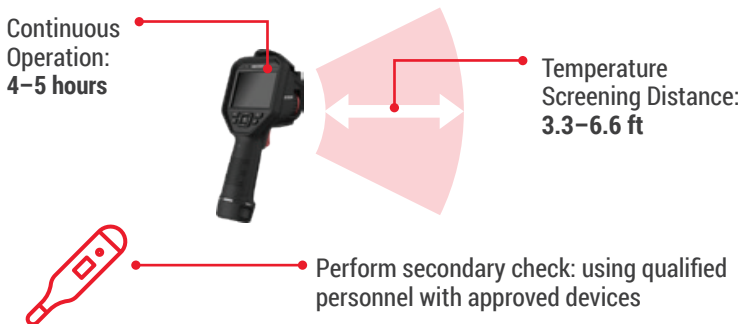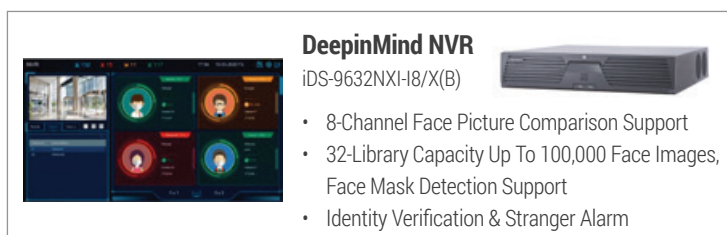
AIRPORT/SEAPORT ENTRANCE TEMPERATURE SCREENING

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

Mask Detection and User-Friendly Display Interface:

- All-in-one solution uses Hikvision's DeepinMind NVR with thermal security cameras, and provides these added features:
  - Mask Detection
  - Screening Results are Easy to Understand on User-Friendly Display Interface
  - Search by Picture

DeepinMind NVR
iDS-9632NXI-I8/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

Continuous Operation: 4–5 hours

Temperature Screening Distance: 3.3–6.6 ft

Perform secondary check: using qualified personnel with approved devices

AIRPORT (INDOOR) AND PATROL TEMPERATURE SCREENING

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

Typical Application   Normal & Elevated Skin-Surface Temperature   Typical Application   Normal & Elevated Skin-Surface Temperature

Temperature Screening with Metal Detector:

- Metal detector doors paired with temperature screening thermal cameras can be rapidly deployed at airport and seaport entrances.
- Our metal detectors provide real-time onboard light and audio alarm warnings.

Temperature Screening with Access Control

- Highly Accurate Elevated skin surface temperature detection, with time-and-attendance and access control.
- Advanced skin-surface temperature detection works with seamless entry technology, and supports mask /no mask detection.
- Real-time results and live notifications.

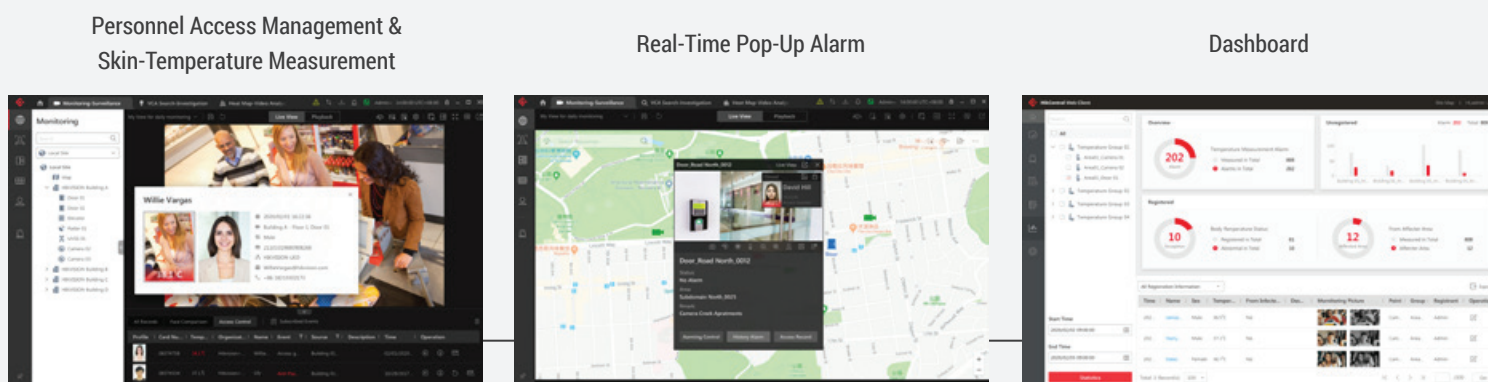**On-the-go Mobile Temperature Screening:**

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

HikCentral Professional CMS

Maintaining records of stored video and activity is critical for operations and liability reduction. HikCentral Professional, Hikvision's central management system (CMS), is a powerful, flexible, and efficient software to manage all cameras using server-client architecture. Airports and seaports can use HikCentral for live viewing and long-term storage of video for record-keeping, safety, and to comply with regulations.

HikCentral Professional 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: 2688 x 1520
- Thermal: 160 x 120, 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
- Face Mask Detection

Thermographic Turret Camera
DS-2TD1217B-3/PA

- Optical: 2688 x 1520
- Thermal: 160 x 120, 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
- Face Mask Detection

Thermographic Handheld Camera
DS-2TP21B-6AVF/W

- Thermal Resolution: 160 x 120
- Optical Resolution: 640 x 480
- 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-I8/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 160 x 120
- Temperature Range: 86 to 113° F
- Temperature Accuracy: 0.9° F

Temperature Screening Terminal
DS-K1T671TM-3XF

- Face Identification, Temperature Screen, and Mask Detection
- Voice 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: 1024 x 600
- 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

SCAN BELOW TO LEARN MORE

FOCUSED ON YOUR SUCCESS

HIKVISION