

# 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

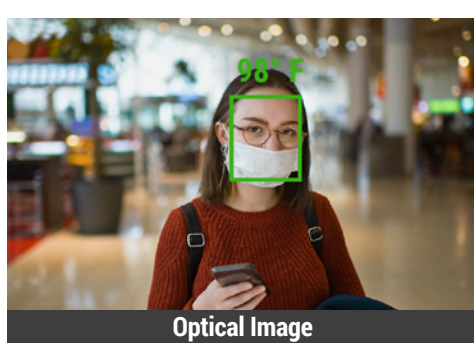
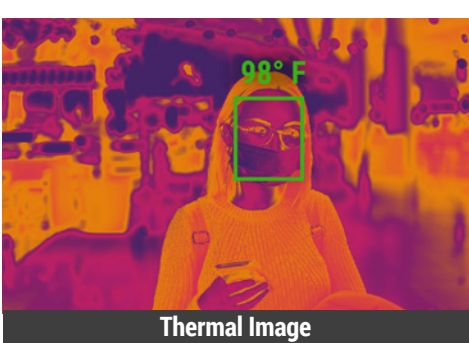


Accurate up to ± 0.5 Degrees Fahrenheit with Blackbody Calibrator



Flexible—Simple, No-Wire Solutions for a Wide Range of Applications

## Application Scenarios



### 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 (INDOOR) AND PATROL TEMPERATURE SCREENING

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

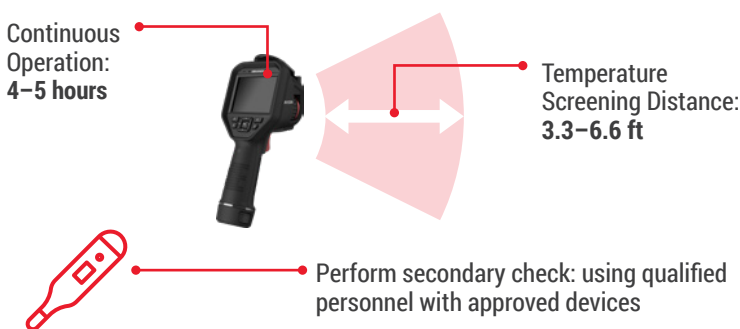
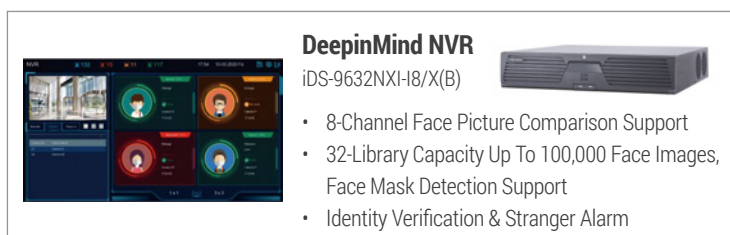


### AIRPORT/SEAPORT ENTRANCE TEMPERATURE SCREENING

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



#### 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:

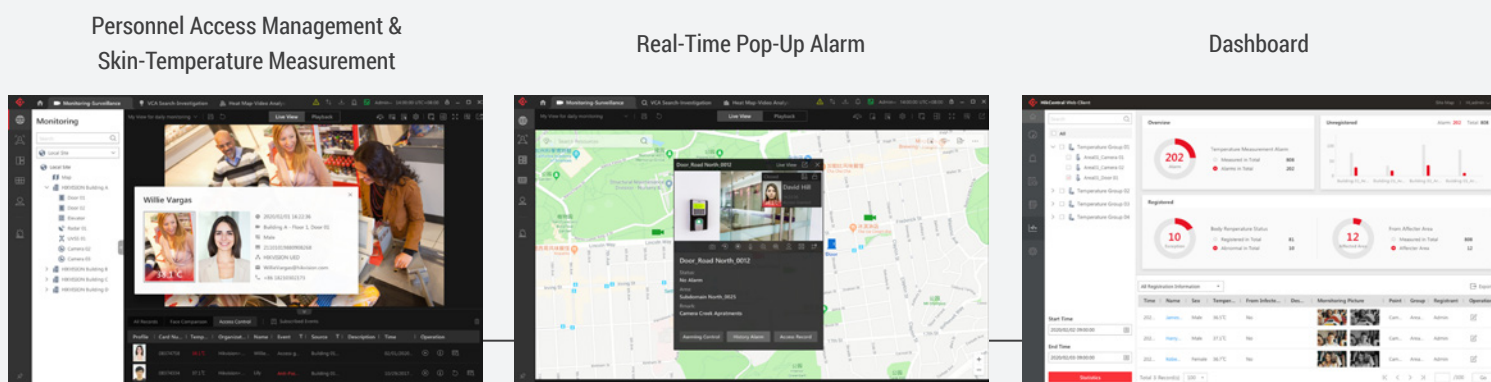
- Portable handheld thermal device provides easy detection and instant results.
- Accurate up to ±0.9° F at distance of 3.3 to 6.6 feet, helping to comply with social distancing requirements.

## 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



## 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 up to 30 People at a Time
- 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 up to 30 People at a Time
- 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-H8/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



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