

PROVIDING HOSPITAL STAFF, PATIENT
AND VISITOR SAFETY WITH
THERMAL CHECKPOINTS



Acadian Total Security, a division of Acadian Ambulance Service, offers robust security, access control and safety services to hospitals and healthcare facilities across the nation.

Acadian Ambulance Service has been a trusted name in healthcare and a leader in emergency medical services for nearly 50 years. Acadian Ambulance provides emergency and non-emergency transportation to a population of more than 24 million people across four states, including 35 counties and all major metropolitan areas in Texas.

Acadian understands the unique challenges hospitals and other healthcare facilities are facing in protecting staff, patients and visitors during the COVID-19 pandemic.

Acadian Total Security introduces the ***Jogan Thermal Checkpoint***, an enterprise-level thermal temperature scanning kiosk using precision thermal cameras, enclosures and calibration tools. The camera stabilization and

calibration design criteria for the system addresses critical elements that skew temperature readings when deploying a thermal camera in environments typically affected by heat variances from open doors, drafts, heat and A/C ducts, etc.

While these checkpoints are not medical devices, they show your staff, patients and visitors that you are implementing the measures needed to ensure their safety. Additional features such as mask detection, sanitizer application monitoring, line queue avoidance detection, autonomous tracking via geo-spatial software and integration with access control systems are also available.

The Thermal Checkpoint is a turnkey solution, made in the USA and ready to ship with some of the shortest lead times in the industry.

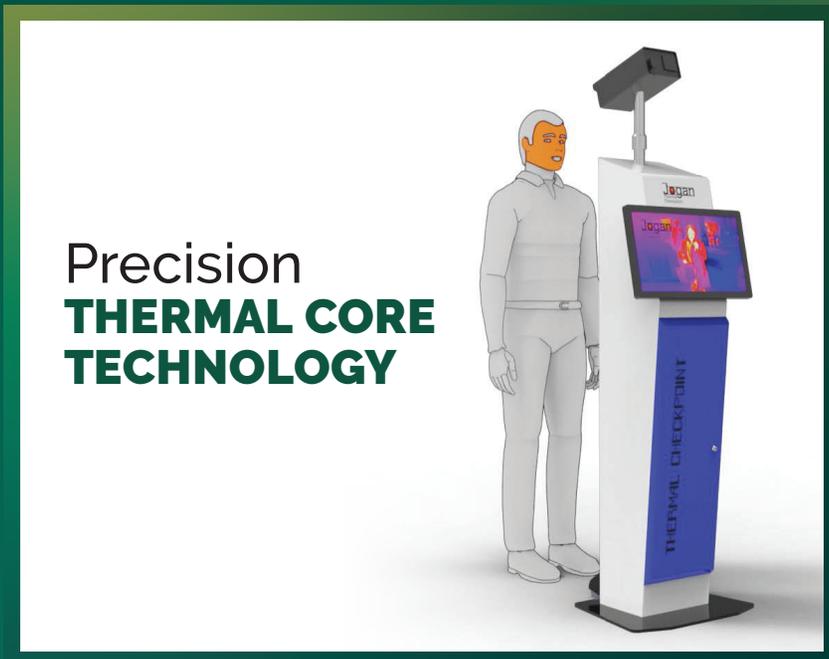


Why Us

Acadian Total Security is the total solution for protecting your facility, staff, patients, visitors, property, vehicles and assets. We offer a full suite of interactive commercial services tailored to support healthcare facilities and businesses of every size. In the COVID-19 era, we are focused on using our security technology to provide safety solutions through the use of ***thermographic cameras and temperature scanning.***

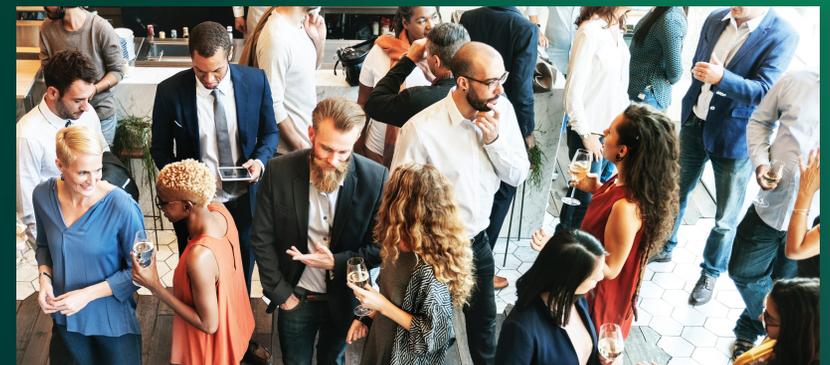
How It's Used

The Thermal Checkpoint is typically installed at an entry point where you can control entrance.



Where It's Used

- ▶ Healthcare Facilities and Hospitals
- ▶ Entertainment and Sports Venues
- ▶ Shopping Malls
- ▶ Distribution Centers
- ▶ Theme Parks
- ▶ Government Facilities
- ▶ Universities
- ▶ Religious Facilities
- ▶ Office Buildings and Corporate Campuses
- ▶ Military Bases



The Thermal Camera

The Thermal Checkpoint includes a precision thermal camera specially manufactured to optimize the full functionality of the technology around the specific temperatures relevant to human body temperatures. Each camera is calibrated and packaged in a stabilized enclosure designed to closely emulate test laboratory conditions in the field. Coupled with a laboratory grade calibration device, we are able to ensure that the Jogan Thermal Checkpoint is configured to provide the most accurate temperature readings.

The Visible Camera

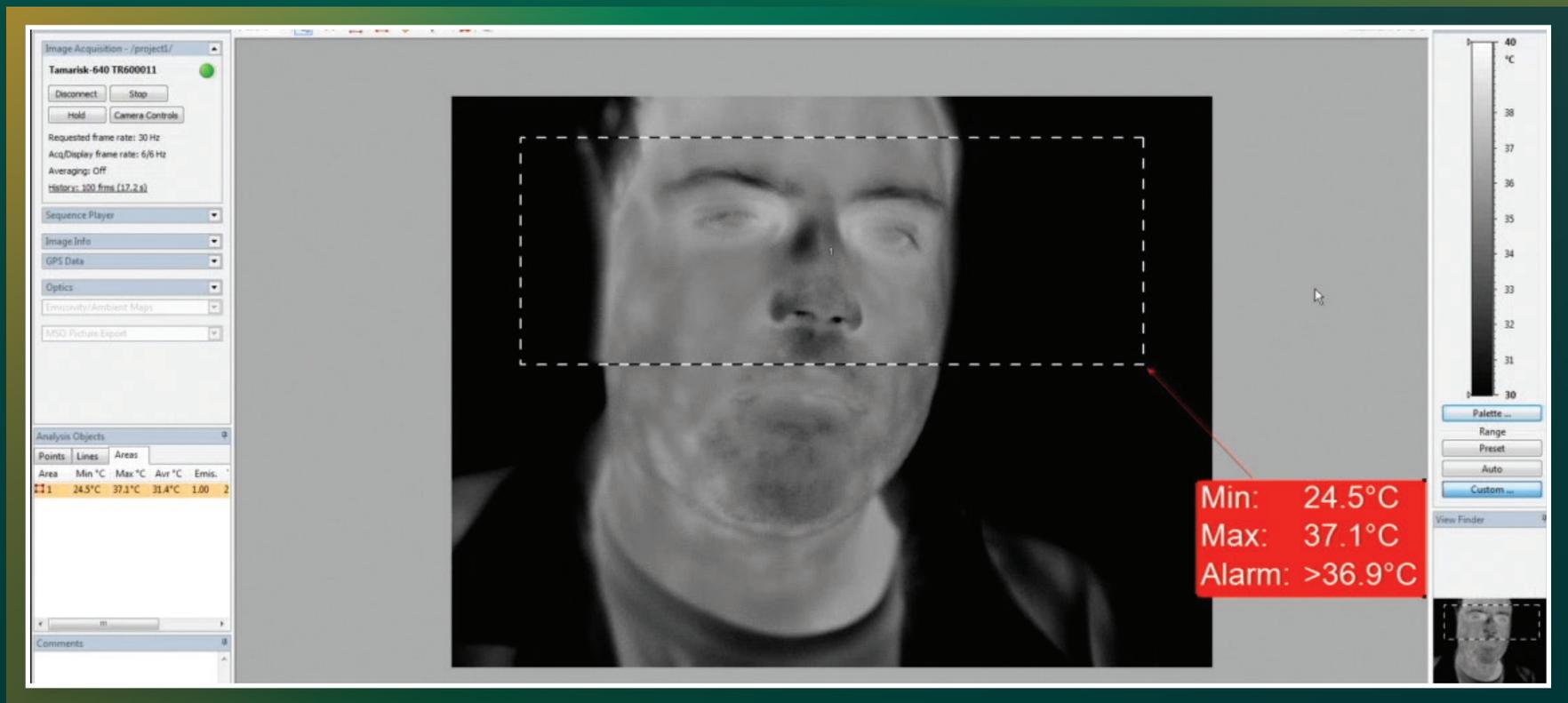
The Thermal Checkpoint includes a 2MP compact IR bullet IP camera. This Sony CMOS camera provides a visible, full-color image that allows simple identification of a person who may be determined to need additional screening and facilitates many of the features provided by third-party AI software partners. This ONVIF compliant camera also streams video via H.265, H.264 and MJPEG, allowing simple integration into existing video management systems.

**STABILIZED
CAMERA
HOUSING**



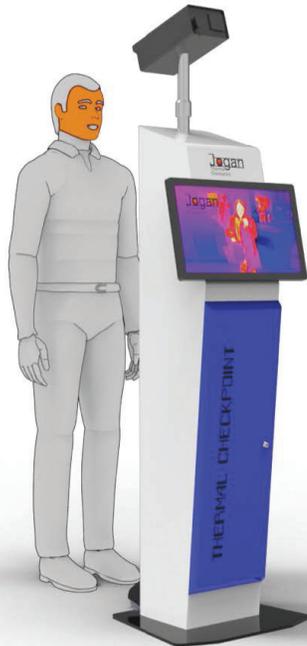
The Software

The Thermal Checkpoint includes software developed to ensure that your system is calibrated. It provides an easy-to-interpret alarm notification that appears when the person in the immediate field of view exceeds the customer-designated temperature threshold. The system then allows the user to receive an additional notification or output initiated by triggering a hardware I/O. This action facilitates endless integration possibilities with third-party systems and indicators.



TECHNICAL SPECS

Turn-Key KIOSK



The Kiosk

The Thermal Checkpoint is packaged into a 16-gauge powder-coated metal body. The kiosk includes a 21.5" non-touch LCD monitor, locking cabinet and key, and a six-outlet surge protected power strip. The kiosks are made in the USA.

Thermal Sensor	Uncooled 320 x 240 VOx Microbolometer
Field of View	40 Degree (H)
Pixel Pitch	17 Micron
Spectral Response	7.5 – 14 Micron (LWIR)
Sensitivity	<50mK (NETD) f/1.0 @ Room Temperature
Thermal Camera Approvals	FCC Class A, ROHS, WEEE
Optical Sensor	Sony 1/2.9" 2.2M CMOS
Effective Pixels	1920(H) x 1080(V)
Video Compression	H.265, H.264, MJPEG
Kiosk Weight	Approx. 140lbs
Input Power	110-220VAC
Monitor	21.5"
PC Spec	Intel Celeron, 4GB DDR4, 120GB SSD, Windows 10 IoT Enterprise
Accessories	Keyboard and Mouse
Network	10 / 100 Base-T
IP	IPv4
Optical Sensor Approvals	FCC, CE, IP66
Calibration Source	110-220VAC Input Power
Temp Accuracy	+/- .3 Degrees C
Output	Hardwired I/O Interface

*The Thermal Checkpoint Kiosk is not considered a medical device, not for medical use and is not for use to diagnose, prevent or treat any disease or conditions. The Thermal Checkpoint Kiosk provides a cursory temperature scan and it is at the full discretion of the user to determine any actions be taken based upon the information provided by the Thermal Checkpoint and/or the associated software. Sale and export of this product outside of the U.S. is strictly prohibited, unless done so with the appropriate licensure from the appropriate U.S. governmental agency.



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