

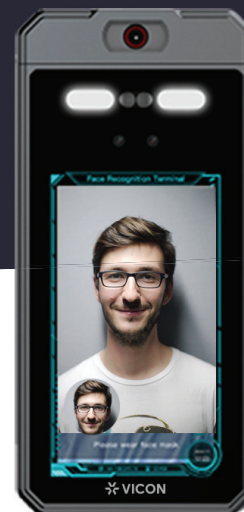
SALES ALERT

Vicon's Biometric Kiosk

Move your access control system into the future. Vicon now delivers powerful biometric facial recognition, providing improved safety and precise dual authentication.

Take your standard access control and move it into the future. Our Biometric Kiosk takes access control a step beyond the rest, incorporating facial recognition authentication. This powerful biometric device integrates seamlessly with Vicon's acclaimed VAX and other Wiegand-based access control systems. This highly accurate authentication delivers powerful protection for your security operation via dual authentication when used with a personal credential. This kiosk can be used as a standalone device or integrated into your current access control system, such as Vicon's VAX.

The Biometric Kiosk has an internal face database to store images, and the database is self-contained and no different than having your photo on a work ID badge or proxy card. When used with the optional Vicon Thermal Software (VTS), two or more kiosks can be connected and managed via the browser interface. The VTS also stores a centralized face database that can be pushed out to all other kiosks in your operation simultaneously. The database is self-contained and no different than having your photo on a work ID badge or proxy card. This makes it simple to quickly configure/update each device to recognize a new face and allow entry into a specific location throughout your facility.



Product at a Glance

- ▶ Can be used as a standalone device or with other card access platforms
- ▶ Facial recognition with Wiegand credentials
- ▶ Also measures for potentially elevated temperatures and no mask detection
- ▶ 99% face recognition rate and 0.2 second recognition time
- ▶ NDAA-compliant

Dual Authentication



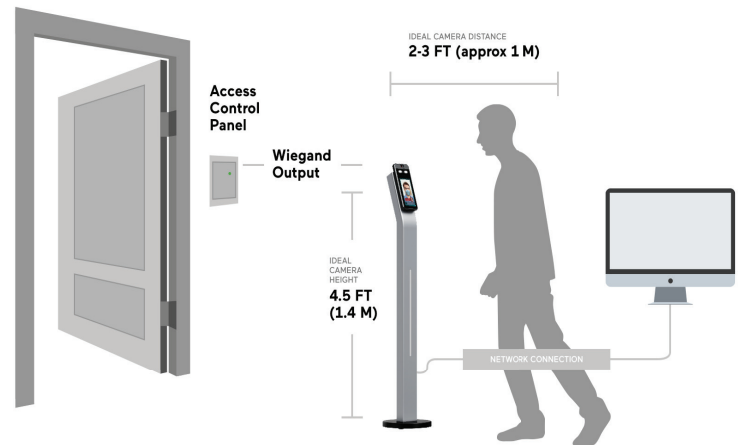
When integrated into your access control system, it provides increased safety and protection of your facility via **dual authentication**. Dual authentication requires both a face read from the kiosk and a card swipe from the reader to have access granted or denied, delivering an advanced form of security. The granted access is based upon stored credentials in the internal facial recognition database.

Configuration

The Biometric Kiosk reads one target at a time and is intended for low-traffic entrances such as employee checkpoints.

The ideal mounting height for the kiosk is 4.5 feet high (1.4 meters). For accurate readings, it is recommended that individuals stand 2-3 feet (approximately up to 1 meter) in front of the kiosk.

This device is powered via 12VDC power connector and can be used in a wide range of applications. This includes offices and multi-tenant buildings, schools and universities, hospitals and extended care facilities, airports and transportation depots, correctional facilities and retail establishments.



Advanced Facial Recognition Technology



Boasting a powerful recognition rate of only 0.2 seconds, the facial access control device provides highly accurate and rapid contactless identification via an AI algorithm. It quickly identifies known targets and can store up to 30,000 contacts and 60,000 snapshots for thorough and detailed investigations or manual identification. It offers a long measuring distance and a short response time, with an amazingly high face recognition rate in less than 0.2 seconds, even with faces wearing a mask.

What is truly exceptional about the kiosk is the precise anti-spoofing facial recognition technology. Anti-spoofing ensures that the stored credentials used to authenticate entry aren't deceived. The camera intelligently depends on the liveness of the individual to validate entry. These checks help validate whether an individual is physically present or using a photo to spoof the system.

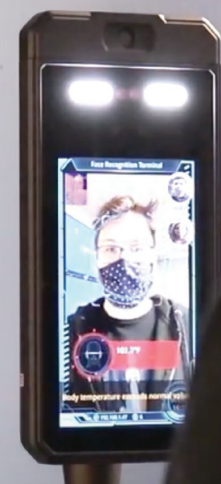
All of this combined results in an effective facial recognition device that provides a high level of security and becomes an integral component of your larger security operation.

More Than Just Access Control

The Biometric Kiosk can deliver far more than just dual verification. It can also be leveraged to detect elevated temperatures or if a target is not wearing a mask. Engineered to help screen people for high temperatures, it provides contactless body temperature detection with forehead readings of approximately $\pm 0.9^{\circ}\text{F}$ / $\pm 0.5^{\circ}\text{C}$ accuracy and thermal response time of ≤ 100 milliseconds. If an elevated temperature or no mask is detected, the kiosk can send customizable audio and visual messages to ensure the appropriate next steps are taken.

In addition to live image spoofing, it can detect the spoofing of masks, providing proactive detection. Customizable audio and visual messages tailor the response needed for your security operation.

This budget-friendly solution helps organizations identify at-risk individuals before they interact with students, patients, customers and employees.



Specifications

Model	V1111-THM-TB
Temperature Measurement - Thermal	
Sensor:	Uncooled Microbolometer
Temperature Measuring Range:	86° - 113° F (30° - 45° C). Temperature Alarm for over temperature and temperature difference.
Thermal Image Resolution:	120 (H) x 90 (V)
Accuracy:	Measurement: $\pm 0.9^{\circ}$ F ($\pm 0.5^{\circ}$ C). Display: $\pm 0.18^{\circ}$ F ($\pm 0.1^{\circ}$ C).
Measuring Distance:	1.64 - 3.94 ft (0.5 - 1.2 m)
Response Speed:	≤ 100 ms
Facial Recognition - Camera	
Image Sensor:	1/2.8" 2 MP progressive scan Sony CMOS
Image Settings:	Configurable brightness, sharpness, contrast, saturation
Min. Illumination:	BW: 0.01 lux
Light Compensation:	Auto white light; auto IR light (850 nm)
Wide Dynamic Range:	True WDR; 120 dB
Lens:	Dual lens provides color image and B/W (near IR) for biometric facial analysis
Focal Length:	2.3 mm, f/1.1
Angle of View:	50°
Face Recognition:	Distance: 0.98 - 6.56 ft (0.3 - 2.0 m). Accuracy: $\geq 99.8\%$. Time: < 0.2 s.
Capacity:	Face Image: 30,000. Record: 60,000 events.
Display	
Display Screen:	7-inch
Display Resolution:	1024 (H) x 600 (V)
Authentication Mode:	Face; Body temperature; Mask detection
Network Video Transmission	
Network:	10/100 Base-T Ethernet; RJ-45
Image Compression:	H.265
Video Streaming:	1920x1080
Max. Frame Rate:	Up to 30/25 fps
Max. User Access:	Up to 8 users
Protocols:	IPv4, TCP/UDP, RTP/RTSP/RTCP, SMTP, HTTP, MQTT, DHCP, DNS
Web Browser:	Internet Explorer® 11 or above; Chrome; Firefox
Security:	User security authentication (password)
Mechanical	
Construction:	Metal
Mounting:	Standard 1/4"-20 threaded interface. Wall and pendant/ceiling mount included. Mounting stands available.
Connectors and Reset:	Network: RJ-45. Alarm In/Out: terminal block. Power: connector for 12 VDC power supply. Reset to default button. Wiegand I/O: terminal block. USB. Gate (door locking signal): terminal block.
Alarms:	3 alarm inputs/1 alarm output
Wiegand:	Input/Output
Door Lock:	Access Control port
USB:	For future use

Specifications continued

MODEL	V1111-THM-TB
Mechanical	
Audio Output:	Pre-recorded or user customized audio message for face, mask, temperature and access functions
Dimensions:	Depth: 1.1 in. (28 mm); Width: 4.7 in. (120 mm); Height: 10.1 in. (256 mm)
Weight:	2.2 lb (1 kg)
Operational	
Software:	VTs software or standalone
Integration:	VAX Access control via Wiegand output and contact closure
Electrical	
Input Voltage:	12 VDC
Current:	2 A
Power Consumption:	8 W max
Environmental	
Operating Conditions:	Temp: 32 to 122° F (0 to 50° C) Humidity: 0% - 90%, non-condensing
Approvals:	FCC; CE
Country of Origin:	China
Warranty:	2 years

Product Descriptions and Pricing

MODEL NUMBER	PRODUCT CODE	DESCRIPTION	MSRP
Camera			
V1111-THM-TB	10498-90	Thermal Biometric Kiosk; 7-inch display; dual lens; 1024×600 resolution; includes one each of wall mount plate and pole mount	\$2,305
Accessories			
V1111-DSK	10498-93	Desk Mount for V1111-THM-TB; allows kiosk to be mounted on a desk; works with V1111-PM (included with kiosk)	\$125
V1111-FLW	10498-95	Floor Stand with Wall Mount for V1111-THM-TB; ; allows kiosk to be on a floor stand using the wall mount	\$275
V1111-FLP	10498-96	Floor Stand with Pendant Mount for V1111-THM-TB; allows kiosk to be on a floor stand using the pendant mount (allows for tilt adjustment)	\$275



V1111-THM-TB
(Thermal Biometric Kiosk)



Wall/Pendant Mounts
(1 of each included)



V1111-DSK
(not included)



V1111-FLP V1111-FLW
(not included)

Please contact your regional sales representative or visit vicon-security.com for more information.