



SAFER SCAN

THE FIRST COMPUTER VISION ACCESS CONTROL
DEVICE BUILT FOR BROAD MARKET ADOPTION





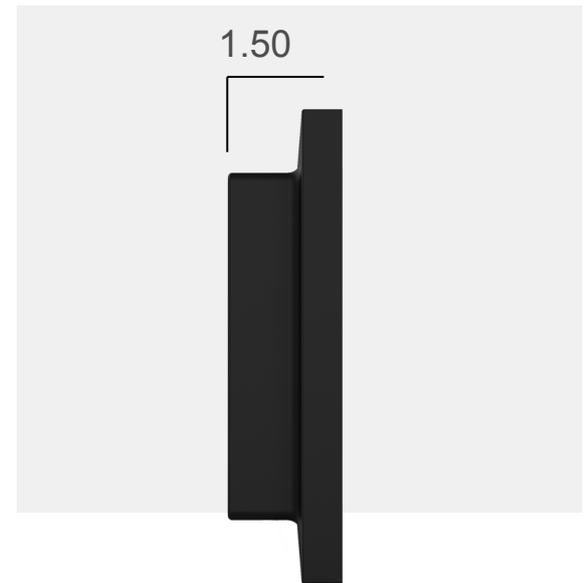
SAFR SCAN delivers a frictionless, fast access control experience employing the latest advancements in secure facial recognition technology. Users need only glance at the device for fast authentication. No need for keycards, badges, or PIN codes. This security triple-threat addresses a variety of physical security, workforce management, and health-safety applications with ease.

SAFR SCAN is easy to install and integrates with a variety of leading access control platforms for fast deployment. Made in the USA with TAA and NDAA compliance, SAFR SCAN is a breakthrough in both performance and price.



YOUR FACE IS YOUR CREDENTIAL

Legacy access control badges, key fobs, and other physical credentials as their primary method of identity authentication. These physical credentials are the legacy standard for access control, but can all be easily lost, stolen or replicated, which compromises overall security and increases operational costs. Even more sophisticated forms of authentication such as passwords, mobile devices, and other biometric identifiers have drawbacks. Facial authentication has been widely proven to be the superior mode of identity authentication – and no one does facial authentication better than SAFR SCAN.



Super Slim Profile

SAFR SCAN FACIAL AUTHENTICATION IS...



SAFR SCAN AT A GLANCE

KEY FEATURES:

- ✓ Authenticates >30 People/Minute
- ✓ Automated PACS Enrollment
- ✓ Mobile Enrollment
- ✓ OSDP & Weigand Compatible
- ✓ Tailgating Detection
- ✓ Works Outdoors
- ✓ Anti-Spoofing Technology

APPLICATIONS

- ✓ Access Control
- ✓ Time & Attendance
- ✓ Occupancy Control
- ✓ People Counting
- ✓ Mustering
- ✓ Audit & Compliance Reviews

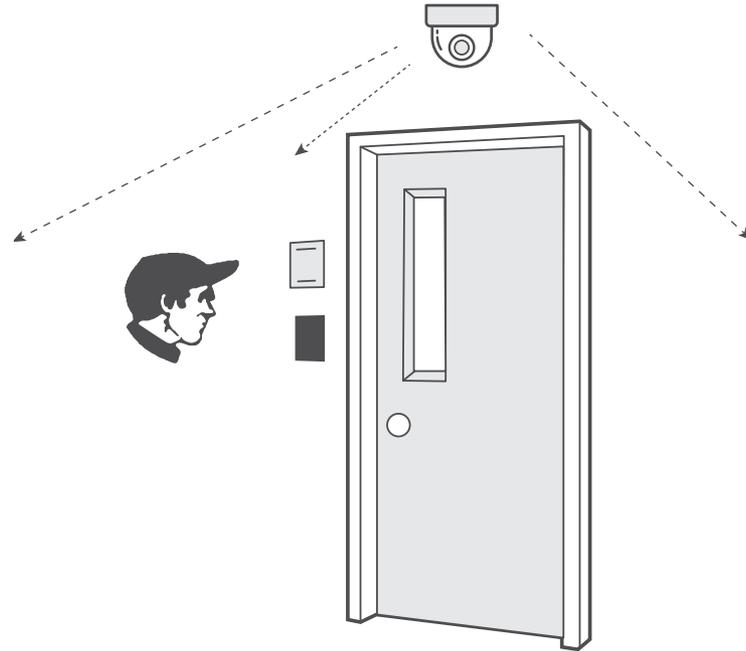
USE CASES

- ✓ Professional Offices
- ✓ High-End Retail
- ✓ Hospitality
- ✓ Cannabis
- ✓ Data Centers
- ✓ Commercial Real Estate
- ✓ Residential
- ✓ Healthcare
- ✓ Education

Typical Door Installation:

1. Smart security camera plus wire installation
2. Badge Reader plus wire installation
3. Intercom unit plus wire installation
4. Door Controller

**TYPICAL ACCESS CONTROL
PLUS SURVEILLANCE
APPLICATION**



**ONE DEVICE.
MANY SOLUTIONS.**

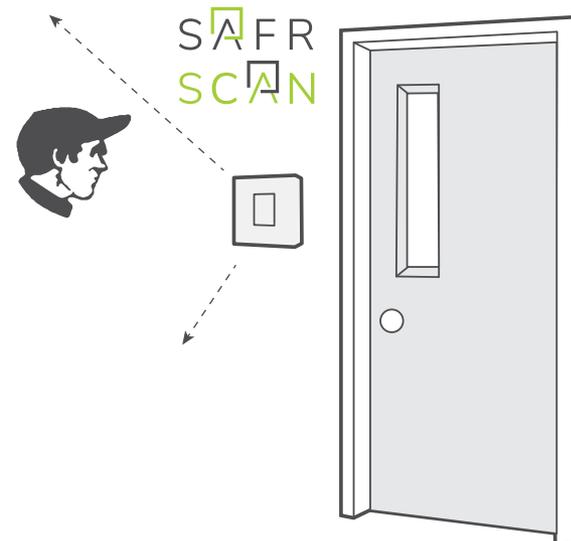
In addition to providing a 3-in-1 solution for physical security, access control, and health safety, SAFR SCAN offers 3-in-1 security functions at the door. In one device, SAFR SCAN provides access control, video surveillance, and video intercom applications.

This effectively eliminates the need for multiple devices at building entryways as cameras, card readers, and intercoms can all be replaced by one SAFR SCAN. Consolidating device deployments helps users save both install time and money.

Same Functional Door Installation:

SAFR SCAN device is an all in one solution for Access Control, Video Surveillance, and Intercom

**SAFR SCAN IS
AN ACCESS CONTROL
DOOR STATION &
A SECURITY CAMERA**



SAFR SCAN TAKES PRIVACY, PERSONALLY

The application of facial authentication biometrics has only grown in recent years. Used every day from unlocking our phones to expedited security lines at airports, the widespread adoption of facial authentication technology is testimony to its efficiency and effectiveness. But despite its success, preconceived notions surrounding the use of facial authentication and personal privacy still exists.

SAFR SCAN actually helps ensure personal privacy and addresses a variety of biometric misconceptions.

Misconception #1:

Facial Authentication is a Threat to Personal Privacy

Reality:

SAFR SCAN does not store any visual images of individuals' faces. This helps ensure that individuals identities are protected and avoids any liability issues related to new and emerging privacy protection mandates.

Misconception #2:

If My Facial Data is Stolen, Hackers Can Track Me

Reality:

SAFR SCAN incorporates the latest encryption methods to protect data from security risks. Again, because no images of faces are stored in the SAFR SCAN system, the biometric data stored is unique to SAFR systems and therefore useless outside of the system.

Misconception #3:

Facial Authentication is Used Unethically to Track People

Reality:

SAFR SCAN is an opt-in solution, meaning the system will recognize only users known to the system or posted on verified watch lists. If individual users have personal privacy concerns there are other methods of identity authentication, like PIN codes or keycards, SAFR SCAN can employ to verify access.

Misconception #4:

Facial Authentication Systems are Biased

Reality:

The SAFR SCAN platform, which is built on machine learning, reduces bias significantly with an algorithm that is trained with a globally diverse set of faces. SAFR underwent rigorous testing by the National Institute of Standards and Technology (NIST) where it was compared against other top algorithms, specifically for signs of bias. SAFR showed the lowest bias compared to the other 103 models tested, measured least likely to return a false match based on any specific facial feature or face type, and tested with an accuracy rate of 99.87% for all demographic groups.

KEEPING ORGANIZATIONS OF ALL SIZES SAFR

SAFR SCAN is purpose-built to meet a variety of physical security, workforce management, and health-safety applications. Use SAFR SCAN to keep track of employee-time and attendance. Or pull a quick list of building occupants for fast mustering in case of an emergency. Perhaps you want to deploy people counting to manage social distancing compliance. Whatever the application, whatever size organization, SAFR SCAN can be deployed to meet your unique business needs.



SMALL AND MEDIUM BUSINESS



Professional Offices

Doctors, dentists, lawyers, accountants, realtors, insurance agents, and other industry professionals all require closed door offices for private appointments and consultations. Similarly, these professionals are charged with the safekeeping of valuable personal information. Protect visitors, employees, and assets within an office space using SAFR SCAN for access control. Visitors can self-enroll prior to their appointment or via a convenient kiosk for fast check-in and secure entry.



Retail Stores

Smash-and-grab thefts are on the rise and overhead cameras are ineffective when it comes to providing identifiable images for legal recourse. SAFR SCAN offers video at the door for easy identification of perpetrators at eye level. Luxury retailers can provide a one-of-a-kind, high-end shopping experience by integrating SAFR SCAN with a watchlist of known VIPs. You'll receive an alert as soon as they are on premises and they will be granted instant access, evoking a feeling of exclusivity.



Banks

While banks are generally open to all, some spaces still require safeguarding such as executive offices and cash storage rooms. Cut down on employee theft and manage access to these areas with SAFR SCAN. Allow customers to use ATM without having to insert a card or credentials. With SAFR SCAN employees and customers will have a seamless experience while in the workplace and when making financial transactions.

ENTERPRISE OPERATIONS



Professional Offices

Cannabis facilities, including nurseries and dispensaries, have a variety of regulatory compliance obligations to fill. SAFR SCAN helps cannabis operations meet a number of these legal requirements by providing accurate people counting, watchlist integration, and tailgating alerts. Facial recognition also adds another, more secure, level of multi-factor authentication in areas housing both product and cash.



Data Centers

SAFR SCAN provides unmatched access protections and the utmost levels of security for both internal and freestanding data centers. SAFR SCAN's security features, such as its anti-spoofing and anti-tailgating capabilities, ensure those accessing valuable data storage centers are who they claim to be.



Multitenant Residential

Traditional multitenant buildings often manage access using doormen, security guards, physical access credentials or old-fashioned keys. These legacy forms of access are costly with long-term expenses and many shortfalls. SAFR SCAN provides highly accurate identity authentication which increases security with detailed access logs for other applications such as workforce management.



Corporate Campus

Large corporate campuses contain a number of areas, buildings, and rooms that can make use of SAFR SCAN's abilities. Maintain social distancing in shared spaces such as cafeterias and meeting rooms using SAFR SCAN's people counting capabilities. Keep track of employee hours and absences using time and attendance functions from SAFR SCAN. Best of all, SAFR SCAN works both indoors and out for applications across large corporate campuses.

COMMUNITY POWERHOUSES



Healthcare

Hospitals, in-patient clinics, and behavioral health facilities can apply SAFR SCAN to help better manage patient, visitor, and employee access. Administrators can control access to semi-private locations such as patient rooms to ultra-secure areas such as drug storage rooms and operating rooms. SAFR SCAN reduces touch surfaces to help prevent spread of infections, promotes social distancing via fast throughput, and grants/denies access even when users are not wearing masks in areas they are required.



Education

Universities can turn to SAFR SCAN for a safe and effective Physical Identity and Access Management (PIAM) solution. SAFR SCAN's higher education uses range widely to cover student housing access, class attendance auditing, cafeteria access, and even mustering reports. Students love that they do not need to carry a credential and administrators love SAFR SCAN's easy integration into existing access systems. It's a highly cost-effective and accurate solution for numerous campus applications.



Government

Government facilities require the utmost level of security and protection. SAFR SCAN is made in the USA and is TAA and NDAA compliant. SAFR SCAN integrates with watchlists of known criminals or terrorists for an added layers of protection in government facilities.



Assisted Living Facilities

Personnel at assisted living facilities are tasked with not only keeping unauthorized users out but also keeping residents in to effectively stop resident elopement. SAFR SCAN works in a variety of conditions and can be installed either indoors or out with the same high levels of performance. SAFR SCAN also makes a great access control solution for individuals' resident doors, eliminating the need for physical credentials or keys that can be easily lost, stolen or misplaced.

THE SAFR SCAN DIFFERENCE

SAFR SCAN takes all the inherent advantages of facial recognition technology and improves upon them, making SAFR SCAN more effective and versatile to fit a broad range of applications.

LOWER TOTAL COST OF OWNERSHIP

- Eliminate costly security cameras and the associated installation and licensing costs by using SAFR SCAN as a surveillance camera at the door
- Small to medium business have historically been priced out of accurate, fast facial authentication technology. Competitively priced to meet the needs of any sized business
- The use of face as a credential eliminates the need for conventional physical credentials and the costs associated with maintaining and administering them
- Can be installed using a single Ethernet cable with Power over Ethernet (PoE), keeping install costs low

FLEXIBLE ENROLLMENT OPTIONS

- Users can self-enroll on the device or by using the mobile app for fast access approval or administrators can enroll users via desktop software
- Quick database imports eliminate the need for re-enrollments
- Access control system integrations enable a seamless one step enrollment of the face and the access privileges
- Users can opt-in or opt-out at the device, giving users complete control of their access

EASY INSTALL

- Wiegand or OSDP compatible for easy interface to existing access control systems and can be deployed using leading access control software with enhanced system communications
- Can be installed with existing systems using existing data bases, often with out the need to re-enroll individuals' data
- A self-contained POE unit, designed to be plug-and-play sized business

ADVANCED SECURITY

- SAFR's facial authentication technology is **99.9% accurate**, ensuring the right people are provided with the right access
- All SAFR SCAN data is secured and encrypted. No facial images are recorded or stored anywhere within the system for further personal privacy protections
- The system issues real-time alerts anytime tailgating is detected or unauthorized individuals attempt access, allowing security teams to act fast

OPERATES IN A VARIETY OF CONDITIONS

- SAFR SCAN operates with precision both indoors and outdoors and in a variety of harsh weather conditions
- Low-light or bright-light conditions do not affect SAFR SCAN's ability to perform without bias
- Enable multi-factor authentication with the inclusion of access cards and PIN credentials for highly secure environments

SUITE OF UNIQUE FEATURES

- Integrate with existing video management software to augment surveillance or replace existing security cameras
- SAFR SCAN integrates with various watchlists of known people, matching up to 20,000 identities
- Advanced analytics, such as people counting and persons of interest, further enhance capabilities and use cases
- Anti-spoofing technology employs 3D structured light and RGB to ensure the liveliness of the individual being authenticated

MADE IN THE USA

- TAA and NDAA compliant for use in government installations

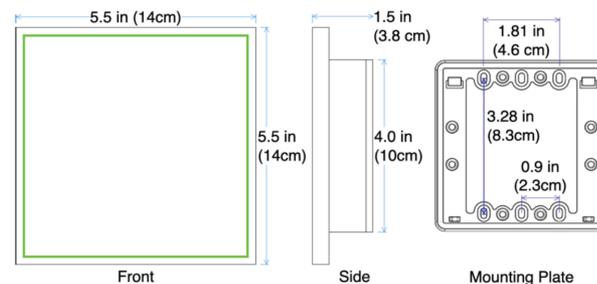
SAFR SCAN SPECIFICATIONS

Biometrics	
FAR (1:1 / 1:N)	Up to 0.0001%
Capacity	Up to 50,000 Users
Match Speed	3 Images per Second
Throughput	60 People per Min
Operational Distance	1 to 4ft (0.3 to 1.2m)
General Electrical	
Power Over Ethernet	PoE IEEE 802.3af, class 3
Power	12VDC @ 1A
Remote Wiring	PoE, OSDP, Wiegand, TTL, Relay
Wiring Connections	OSDP In/Out, Wiegand In/Out, TTL In/Out, Relay
Compliance	
Certifications/Directives	FCC, CE, ROHS
Electromagnetic Immunity	CE (pending)
Security	IEC 62599-1, IEC62599-2
Safety	UL 294, UL 62368-1 Ed. 3 (outdoor) (pending) MIC (209-J000320)
Environmental	IP65
Vandal rating	IK08
Electromagnetic Emissions	FCC
Mechanical	
Dimensions	5.5" x 5.5" x 1.25" (14 x 14 x 3.1 cm)
Display Dimensions	3.5" color capacitive touch
Color	Black
Material	Aluminum, chemically strengthened glass
Weight	16 ounces (450 g)
Light Source	IR and LED internal
Environmental	
Operating Temp	-40F (-40C) to +140F (+60C)
Cold Start	-4F (-20C)
Humidity	0% to 90% (non-condensing)
Storage Temp	-40F (-40C) to +140F (60C)

Part Numbers	
SFR-SC100	Facial Authentication Indoor/Outdoor Station, RGBIR Sensor, Face Priority Auto Exposure, 3.5"/9cm Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, PoE/12V DC
SFR-SC200-RF	Facial Authentication Indoor/Outdoor Station, RFID 26, 34, 35, 37-Bit, Custom up to 254 Bits, RGBIR Sensor, Face Priority Auto Exposure, 3.5"/9cm Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, PoE/12V DC

Communication	
Transmission Protocols	IPv4, IPv6, TCP/IP, UDP, DHCP
Compression type	MJPEG, H.264, H.265
Network Encryption	TLS 1.2 and TLS 1.3 encryption, 802.1x port-based authentication
Video Output	RTSP
Audio	
Speaker	1.2W 86dB IP67
Microphone	Omnidirectional
Streaming	2-way, full duplex
Compression	Codec
Access Control Requirements	
Input/Output	2 programmable I/O, Form C relay
Protocols	Wiegand in/out, OSDP in/out
RF technology (*)	NFC, ISO14443, ISO15693, Mifare, EV1, EV2, DESfire, HID iClass, Elite, SeOS, BLE <i>* -RF models only except BLE</i>
Card formats	26-bit, 34-bit, 35-bit, 37-bit, custom up to 254-bits
Supports unlock through:	Face and/or ID card, Face + Mobile, Face + Code
Supports facemasks	Yes
Mounting Height	46 to 58 inches (115 to 150 cm)
Liveness (anti-spoofing)	RGB, 3D structured light
QR Code	2-dimensional bar codes
PKOC Mobile Credential	BLE Transmission, up to 48" away (in pocket)
Interoperability	PKOC for Mobile Credentials
Supports unlock through	Face and/or ID card, Face and/or keypad, Face + mobile
Privacy	Store biometric data on mobile device OR on door station database
Intent Detection	Yes
Dual Factor Authentication	Face + Mobile Credential, Face + Key Code, Face + Card
Keypad	Digital Keypad/Keycode Supported

Dimensions





FOR MORE INFORMATION

SAFR.COM

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