



SAFR is a **unified facial recognition ecosystem** designed for the enterprise, across access control, cameras, and mobile devices.

SAFR®

The New Face of Access Control



Bring Certainty to Every Entry

SAFR SCAN replaces badges and credentials with secure, real-time identification—no friction, no delays. Built on proprietary AI optimized for “faces in the wild,” it delivers accurate recognition in motion and real-world conditions.



Detect

- Quickly identifies users in motion
- Works indoors & outdoors
- Handles bright sunlight & variable lighting



Authenticate

- NIST-validated face authentication
- Advanced anti-spoofing
- Multi-factor authentication



Grant Access

- Unlock doors instantly
- Trigger workflows & alerts
- Integrate with existing access control systems



The SC50's small form factor makes it a great direct replacement for a badge reader.



Unlock Door



Mobile Alert



Intercom Call

Why Enterprises Choose SAFR SCAN



Fast

Real-time authentication without badges or delays



Private

Encrypted biometric templates with no stored facial images.



Flexible

Works across indoor and outdoor environments.



Accurate

Optimized for real-world facial authentication. 99.87% accuracy. NIST-validated

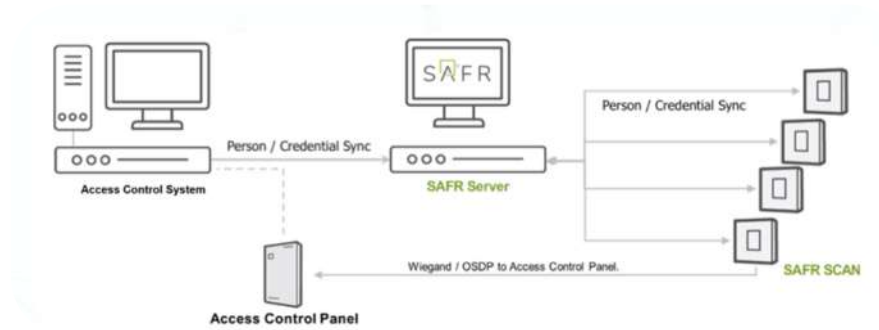


Cost Effective

Consolidates multiple access-related components into one intelligent edge device.

Why Organizations Deploy SAFR SCAN

SAFR SCAN combines edge processing, flexible enrollment, open architecture, and privacy-first design into a platform built for enterprise environments.



Flexible Enrollment

- Badge-to-face
- Mobile enrollment
- Remote onboarding
- On-device enrollment



Open & Compatible

- Existing access systems
- Directory integrations
- ONVIF camera support
- Open API & SDK



Privacy by Design

- Template-on-Card
- Template-on-Smartphone
- GDPR / CCA support
- User opt-in enrollment
- Privacy-first architecture



One Intelligent Device.

- Facial authentication
- Intercom
- Video
- PIN
- Optional door control

Advanced Security Features



Tailgating
Detection



Multi-Factor
Authentication



Anti-Spoofing
Protection



Mobile
Credentials



Real-Time
Alerts

SAFR®



Designed in
the USA

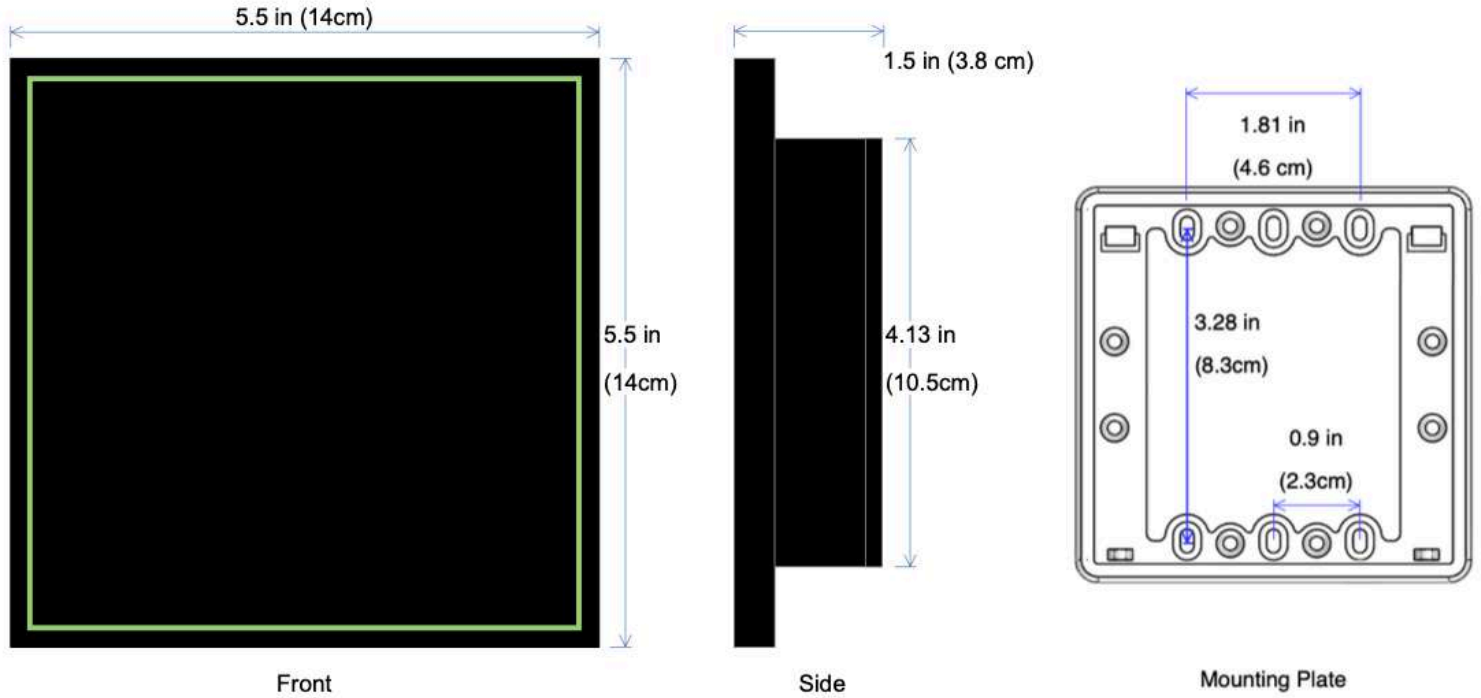


PRODUCT DESCRIPTIONS	
SFR-SC50	Face-based, multi-function access control mullion device with camera and intercom; Indoor rated
SFR-SC100	Face-based, multi-function access control device with camera and intercom including video screen for visual feedback to users. Indoor and Outdoor rated
SFR-SC200-RF	Same as SC100, plus built-in RF Card Reader

		SC50	SC100	SC200
UNIT ACCESSORIES				
SFR-SCWDG-20	Multi-directional wedge mount (die-cast aluminum), 20 degree angle. For SFR-SC100 and SFR-SC200-RF only. Black.	-	x	x
SFR-SCFMA-100	Flush Mount Adapter, recessed mount. For SFR-SC100 and SFR-SC200-RF only. Black.	-	x	x
SFR-SC10-L	POE Network Connector Box - PoE and network termination on the secured side of the door. Connects to the SC50 ONLY. Required for SC50 PoE and Ethernet. Black.	x	-	-
HOSTING & WARRANTY				
SFR-SCCLOUD-STD	SAFR SCAN Cloud Hosted Service (Standard) - Per Device. Annual Cost. Includes enrollment. Includes event storage up to 30 days (200GB max storage). This is an account level feature must match the number of SCAN units.	x	x	x
SFR-SCCLOUD-PRO	SAFR SCAN Cloud Hosted Service (Professional) - Per Device. Annual Cost. Pro includes: enrollment, biometric indexing/searching, and event storage up to 60 days (400GB max storage). Account level feature must match the number of SCAN units.	x	x	x
SFR-SCXWAR-2YR	24 Month Extended Warranty - Adds an additional 2 years of warranty to the standard 3 year (36 month) warranty.	x	x	x
SUPPORT & UPDATES				
SFR-SCSUP-2YR	Per SAFR SCAN unit. Adds an additional 2-year term to the standard 1-year of SUP included with the unit purchase. Includes Tier 3 support, firmware, and software updates for the reseller or end user. Virtual Support only (email, web, phone). Reseller must complete online self-paced certification course. Automatically renews annually after initial term.	x	x	x
SFR-SCSUP-4YR	Per SAFR SCAN unit. Adds an additional 4-year term to the standard 1-year of SUP included with the unit purchase. Includes Tier 3 support, firmware, and software updates for the reseller or end user. Virtual Support only (email, web, phone). Reseller must complete online self-paced certification course. Automatically renews annually after initial term.	x	x	x
SFR-PS-SE-LIVE	One day of Solutions Engineer Live/On-site support (8 hours maximum per day) - Must be used within a year from purchasing *For On-site services, Travel, Meals, and Expenses are NOT included, and are invoiced separately (requires 4 weeks advanced notice).	x	x	x
AISFR-PS-SE-WEB	One day of Solutions Engineer ONLINE support (8 hours maximum per day) - Must be used within a year from purchasing. Time is consumed in 15 minute increments.	x	x	x
SFR-TRAIN-WEB	Online Training. Per student cost. Can be used any time.	x	x	x

	SC50	SC100	SC200
GENERAL ELECTRICAL			
Power Over Ethernet	PoE (IEEE 802.3af, class 3) or 12 VDC @ 1A		
Remote Wiring	PoE, OSDP, Wiegand, TTL, Relay		
Wiring Connections	OSDP In/Out, Wiegand In/Out, TTL In/Out, Relay, REX		
Ethernet	with opt SC10-L	Built-in Ethernet Port	
ENVIRONMENTAL			
Outdoor Use	No	Yes	
IP Rating	IP50	IP65	
Operating Temperature	-40F to +140F (-40C to +60C)		
Cold Start Temperature	-4F (-20C)		
Humidity	0% to 90% (non-condensing)		
Lighting Control	Face Prioritized Auto Exposure (FPAE)		
Minimum Illumination	100 Lux	0 Lux	
MECHANICAL			
Dimensions (inches)	5.25 x 1.70 x 1.16	5.5 x 5.5 x 1.25	
Dimensions (cm)	14 x 4.38 x 2.95	14 x 14 x 3.1	
Display Size (in)	1.3"	3.5"	
Display Type	Color Capacitive Touch		
Weight	8 ounces (225 g)	16 ounces (450 g)	
Color	Black		
Material	Aluminum, chemically strengthened glass		
Impact Rating	IK08		
Light Source	IR and LED Ring	IR and White LED	
BIOMETRICS			
Face Capacity	50,000 Faces (up to 100,000 Faces w/out facemask)		
FAR (1:1 / 1:N)	Up to 0.0001%		
Matching Speed	100ms (300ms including liveness check)		
Throughput	60 People per Min		
Operational Distance	1 to 4ft (0.3 to 1.3m)		
COMPLIANCE			
Certifications/Directives	FCC, CE, ROHS, NDAA		
Security	IEC 62599-1, IEC62599-2		
Safety	UL 294, UL 62368-1 Ed. 3 *pending		
Electromagnetic Emissions	FCC		
COMMUNICATION			
Transmission Protocols	IPv4, IPv6, TCP/IP, UDP, DHCP, SIP, R10		
Compression type	MIPEG, H.264, H.265		
Network Encryption	TLS 1.2 and 1.3 encryption, 802.1x authentication		
Video Output	RTSP		
AUDIO & INTERCOM			
Speaker	1.2W 86dB		
Microphone	Omnidirectional		
Streaming	2-way, full duplex VoIP, Video Intercom		
Compression	SIP, WebRTC, G.711, 8 kHz		
ACCESS CONTROL REQUIREMENTS			
Input/Output	1x Door Sensor, 1x REX, and 2 programmable I/O		
Relay	1x NO/NC Form C relay, max. 24VAC / 1A		
Wiegand	1x Input, 1x Output		
OSDP	1x Input, 1x Output		
RF Card Reader (13.56 MHz)	Via external reader (Wiegand/OSDP)	Mifare, DESfire EV1/EV2/EV3/LEAF, HID iClass, Elite, SeOS, PIV/ PVi, CIV, TWIC, FIPS201	
RF Card Reader (125 kHz)	Via external reader (Wiegand/OSDP)	Proximity	
Card formats	26-bit, 34-bit, 35-bit, 37-bit, custom up to 254-bits		
Factors of Authentication	Face, RFID Card, Pin Code, QR Code, Mobile/BLE, Template on Mobile, Template on card OR combinations		
Supports facemasks	Yes		
Mounting Height	46 to 58 inches (115 to 150 cm)		
Liveness (Presentation Attack)	3-Tech presentation attack detection (RGB, 3D structured light, and Infrared)		
QR Code	2-dimensional bar codes (version 1, 2, 3, 4)		
PKOC Mobile Credential	BLE Transmission, up to 30ft (10m) away (in pocket)		
Privacy	Store PII on mobile device OR on door station database		
Intent Detection	Yes		
Face Template on Mobile	Biometric Template Stored on Mobile Device		
Face Template on Card	Biometric Template Stored on Mobile RFID Card		
Keypad	Digital Keypad / Keypcode / Scramble Supported		

SC100/200 DIMENSIONS



SC50 DIMENSIONS

