



SAFR SCAN

Introducing SAFR's Face Recognition Access Control system. SAFR SCAN is an entirely frictionless experience that allows users to naturally walk to the door, and in real-time use your face as your credentials. SAFR SCAN will quickly authenticate you against a database of 20,000 images. It's simple, intuitive, and secure. SAFR Scan easily integrates with any access control solution which ensures a quick and cost-effective installation. Maintain a secure environment while giving users the peace of mind that comes with never having to remember their key card.



Mobile enrollment



OSDP/Wiegand



Tailgating detection

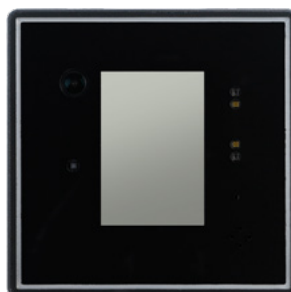


Works outdoors



Anti-spoofing

SAFR SCAN Overview



Waiting

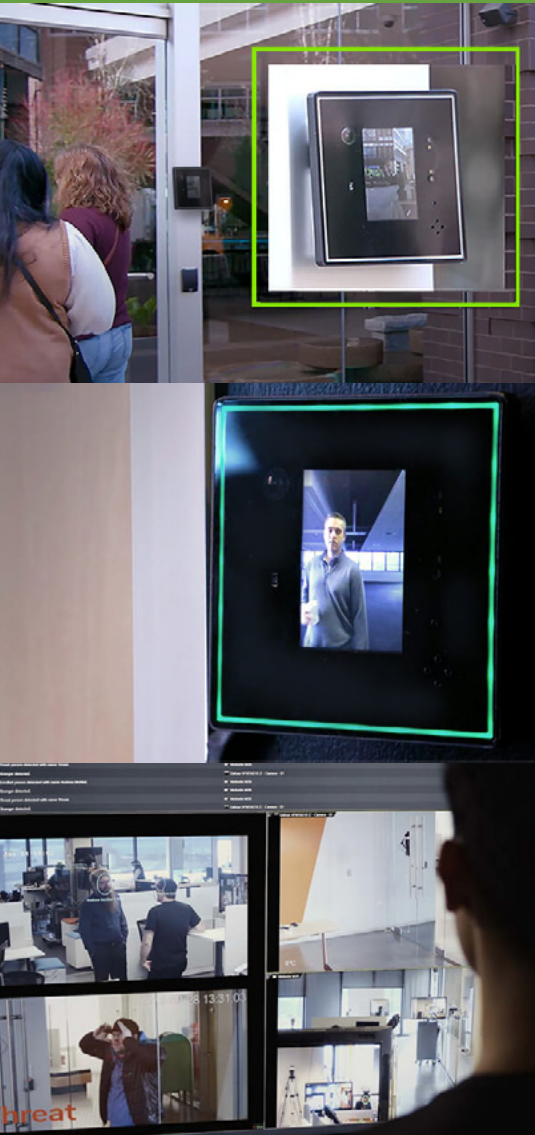


Alert



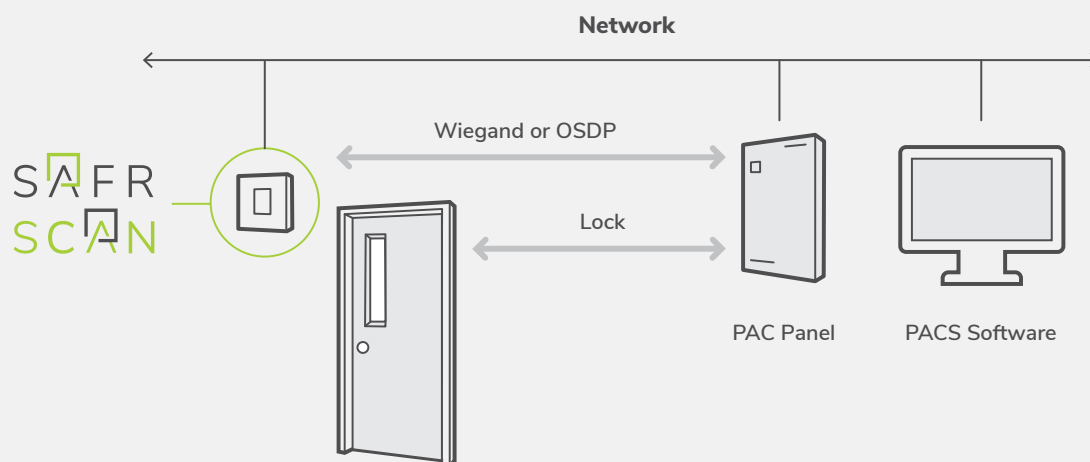
Good to go

SAFR SCAN Key Features



- ✓ 20,000 user capacity
- ✓ Can withstand extreme conditions
- ✓ With Wiegand and OSDP, works with existing access control system
- ✓ Edge solution for fast and accurate recognition
- ✓ High throughput
- ✓ Easy enrollment options
- ✓ Supports dual or single-factor authentication
- ✓ Touchless access to doors
- ✓ Works in extreme lighting conditions indoor/outdoor
- ✓ Get real-time reporting and auditing
- ✓ Grant/revoke access instantly
- ✓ Audio enabled
- ✓ Reader management configuration software

Typical Wiring



SAFR SCAN Specifications

Biometrics	
FAR (1:1)	Up to 0.0001%
FAR (1:N)	Up to 0.0001%
Per Device (1:1)	Up to 20,000 Users
Per Device (1:N)	20,000 Users
Match Speed	3x per second
Throughput	60 People per Min

General Electrical	
Power Over Ethernet	PoE IEEE 802.3af, class 3
Power	12VDC @ 1.5A
Remote Wiring	POE, OSDP, Wiegand, I/O
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)
Environmental	IP65, IK08
Electromagnetic Emissions	FCC

Communication	
Transmission Protocols	IPv4, IPv6, TCP/IP, UDP, DHCP
Compression type	H.264, MJPEG, H.264, H.265
Network Encryption	TLS 1.2 encryption, 802.1x port based authentication
Video Outputs	RTSP
Administrators	Up to 10
Network	10/100MB
Tamper	Inertial measurement unit (IMU) Accelerometer

Audio	
Speaker	1.2W 86dB IP67
Microphone	Omnidirectional
Streaming	2-way, full duplex
Compression	G.711, 8 kHz
Protocol	SIP

Mechanical	
Dimensions	5.5" x 5.5" x 1.25"
Display Dimensions	3.5" color capacitive touch
Color	Black
Material	Aluminum, chemically strengthened glass
Weight	16 ounces
Light Source	IR and LED internal
Operational Distance	0.2 to 2M

Access Control Requirements	
Input/Output	2 programmable I/O, Form C relay
Protocols	Wiegand in/out, OSDP in/out
RF technology	NFC, ISO 14443, ISO 15693, Mifare, DESfire, EV1, EV2, HID iClass, Elite, SeOS, BLE, UWB, SFR-SC200-RF
Card formats	26-bit, 34-Bit, 35-Bit, 37-Bit, Custom up to 254 Bits
Supports unlock through:	(Face/ID card/Pin/)
Supports authentication with mask	Yes
Recommended Mounting Height	46 to 58 inches
Liveness (anti-spoofing)	RGB, 3D structured light
QR Code	2 dimensional bar codes

Environmental	
Operating Temp	-20C (-4F) to +50C (+122F)
Humidity	0% to 90% (non condensing)
Storage Temp	-40C (-40F) to +60C (140F)

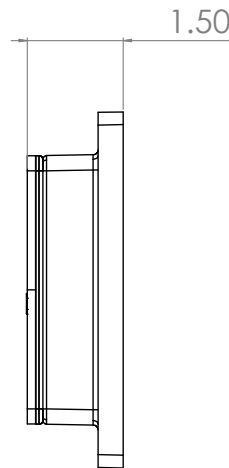
SAFR SCAN Specifications (continued)

Part Numbers	
SFR-SC100	Facial Recognition Indoor/Outdoor Station, RGBIR Sensor, Face Priority Auto Exposure, 3.5" Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, PoE/12V DC
SFR-SC200-RF	Facial Recognition Indoor/Outdoor Station, RFID 26, 34, 35, 37-Bit, Custom up to 254 Bits, RGBIR Sensor, Face Priority Auto Exposure, 3.5" Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, PoE/12V DC
SFR-SCWDG-45	Wedge, 45 degree mount
SFR-SCFMA-100	Flush Mount Adapter

Front



Side



Mounting Plate

