QxControl™ & SAFR SCAN

SAFR SCAN SC50 model delivers a frictionless, fast access control experience employing the latest advancements in secure facial authentication technology. Users need only glance at the device for fast authentication. No need for keycards, badges, or PIN codes. Combine with the SAFR Key app to use our PKOC Mobile Credentials for even greater security. Create a secure, convenient, and affordable solution and your phone stays in your pocket!

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

SAFR®

Dual Authentication	OSDP/ Wiegand	Tailgating Detection	Works Outdoors	Anti-spoofing

HIGHLIGHTS

Features

- Your Face is Your Credential
- Dual Factor Authentication
- Frictionless – Face + Mobile
- Phone Stays in Pocket
- Tailgating Detection
- Robust Anti-Spoofing
- Built for Broad Market Adoption

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 (w/ SB75)
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)
Electromagnetic Emissions	FCC

Mechanical	
Dimensions	5.25" x 1.70" x 1.16" (14 x 4.38 x 2.95 cm)
Display Dimensions	1.3" color capacitive touch
Color	Black
Material	Aluminum, chemically strengthened glass
Weight	8 ounces (225 g)
Mounting	Mullion, Single or Double Gang with Mount Plate

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

Part Numbers	
SFR-SC50	Facial Authentication Door Station, RGBIR Sensor, Face Priority Auto Exposure, 1.3" Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, 12V DC
SFR-SC50-SB	Facial Authentication Door Station with SRF-SB75, RGBIR Sensor, Face Priority Auto Exposure, 1.3" Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, Ethernet, PoE/12V DC
SFR-SB75	Secondary Box for PoE and Network Connection. Remotes connections away from SAFR SCAN

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	G.711, 8 kHz

Access Control Requirements	
Input/Output	2 programmable I/O, Form C relay
Protocols	Wiegand in/out, OSDP in/out
PKOC Mobile Credential	BLE Transmission, up to 48" away (in pocket)
Interoperability	PKOC for Mobile Credentials
Supports unlock through	Face, Mobile Credential, QR 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
Privacy	Store biometric data on mobile device OR on door station database
Intent Detection	Yes
Dual Factor Authentication	Face + Mobile Credential

Dimensions

Optional Mount Plate

1.16   1.70   5.25"