

Use With  
SAFR Key  
Mobile App



# SAFR SCAN

## SC50 Mullion Mount Door Station

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 NDA A compliance, SAFR SCAN is a breakthrough in both performance and price.



Dual Authentication



OSDP/Wiegand



Tailgating Detection



Challenging Light



Anti-spoofing



Low TCO

Secure

- Your Face is Your Credential

Convenient

- Dual Factor Authentication

- Frictionless – Face + Mobile

- Phone Stays in Pocket

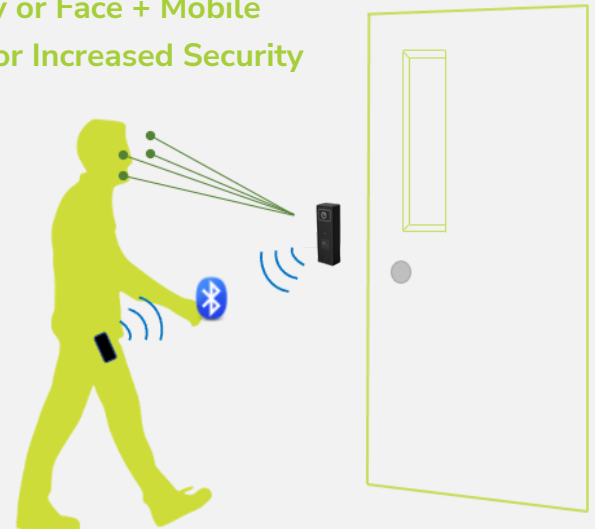
- Tailgating Detection

Affordable

- Robust Anti-Spoofing

- Built for Broad Market Adoption

Face Only or Face + Mobile  
Credential for Increased Security



Biometrics	
FAR (1:1 / 1:N)	Up to 0.0001%
Capacity	Up to 90,000 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
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, Pin Code, QR Code, Badge (external reader)
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
Multi-Factor Authentication	Face + Mobile Credential, Face + Key Code, Face + Card (external)
Keypad	Digital Keypad/Keycode/Scramble Supported
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-SC50-10-L	Includes SFR-SC50 Facial Recognition Indoor Door Station and SFR-SC10-L PoE Network Connector Box
SFR-SC10-L	PoE Network Connector Box – PoE and network termination on the secured side of the door. Connects to SC50 ONLY. Required for SC50 PoE and Ethernet.

## Dimensions

