

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

- Dual Factor Authentication

- Frictionless – Face + Mobile

Convenient

- Phone Stays in Pocket

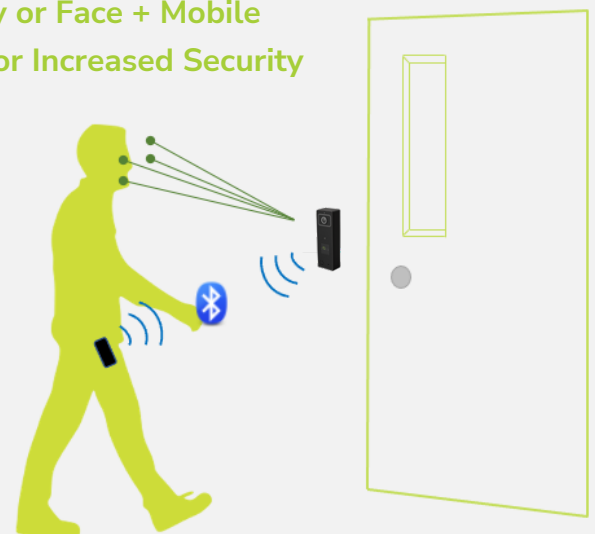
- Tailgating Detection

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 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 |
| 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

