

QxControl™ & SAFR SCAN

SAFR SCAN 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. This security solution addresses a variety of physical security, workforce management, and health and safety applications with ease.

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.



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
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)
Environmental	IP65
Vandal rating	IK08
Electromagnetic Emissions	FCC

Mechanical	
Dimensions	5.5" x 5.5" x 1.25" (14 x 14 x 3.1 cm)
Display Dimensions	3.5" color capacitive touch
Color	Black
Material	Aluminum, chemically strengthened glass
Weight	16 ounces (450 g)
Light Source	IR and LED internal

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

Part Numbers	
SFR-SC100	Facial Authentication Indoor/Outdoor Station, RGBIR Sensor, Face Priority Auto Exposure, 3.5"/9cm Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, PoE/12V DC
SFR-SC200-RF	Facial Authentication Indoor/Outdoor Station, RFID 26, 34, 35, 37-Bit, Custom up to 254 Bits, RGBIR Sensor, Face Priority Auto Exposure, 3.5"/9cm Capacitive Touch Screen, IR LED, White LED, Wiegand, OSDP, I/O, Audio Full Duplex, PoE/12V DC

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	Codec

Access Control Requirements	
Input/Output	2 programmable I/O, Form C relay
Protocols	Wiegand in/out, OSDP in/out
RF technology (*) *-RF models only except BLE	NFC, ISO14443, ISO15693, Mifare, EV1, EV2, DESfire, HID iClass, Elite, SeOS, BLE
Card formats Supports unlock through:	26-bit, 34-bit, 35-bit, 37-bit, custom up to 254-bits Face and/or ID card, Face + Mobile, Face + 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
PKOC Mobile Credential	BLE Transmission, up to 48" away (in pocket)
Interoperability	PKOC for Mobile Credentials
Supports unlock through	Face and/or ID card, Face and/or keypad, Face + Mobile
Privacy	Store biometric data on mobile device OR on door station database
Intent Detection	Yes
Dual Factor Authentication	Face + Mobile Credential, Face + Key Code, Face + Card
Keypad	Digital Keypad/Keycode Supported

Dimensions

