SPEED FACE & PALM ACCESS CONTROL READER

Model SF1005-V+   Model SF1008+

PATENT PENDING
USA PATENT PENDING
PATENT PENDING

BODY TEMPERATURE & MASK DETECTION

SPEED FACE & PALM ACCESS CONTROL READER + BODY TEMPERATURE & MASK DETECTION

SpeedFace+ is a series of high performance face, palm and fingerprint recognition readers that additionally detect if a person has a high body temperature and is wearing a protective mask.

The SpeedFace+ embedded face & palm recognition sensor provides 100% hands-free hygienic user authentication for various applications including Access Control, Time & Attendance, Visitor Management, Event Management & more.

Model SF1008+ can store and match up to 50,000 faces in less than 0.3 seconds while operating in both total darkness and bright sunlight (up to 50,000 Lux).

Face Reader	Palm Reader	Temperature Detection	Mask Detection

BODY TEMPERATURE & MASK DETECTION

In addition to providing face, palm, and fingerprint user authentication, SpeedFace+ series also provides fast and accurate body-temperature measurement and detects if a protective mask is being worn. Users can be denied door access if a high body-temperature or no mask is detected.

Identifying users having high body-temperature or not wearing a mask greatly helps prevent the spread of germs especially in hospitals, airports, schools, commercial office buildings and other public meeting areas. Users having high body-temperature and their supervisors can then take the necessary health precautions, accordingly.

SpeedFace+ combines a powerful embedded thermal camera and the latest face, palm and fingerprint recognition algorithms that are supported by an optimized dual-core processor. SpeedFace+ is unmatched in accuracy, matching-speed, and versatility. It provides advanced security and convenience, all on a single affordable device.

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SECURING YOUR FUTURE

Burglar Alarms   **Fire** Detection   **Video** Surveillance   **Access** Control   **Audio/Video** Communications

FEATURES:

- User authentication read range up to 8 feet
- Model SF1008+ stores & matches up to 50,000 face templates (SF1005-V+: 6,000 face templates)
- Face verification possible while wearing protective mask (Palm recognition advised while wearing mask)
- SF1008+ stores & matches up to 5,000 palm templates (SF1005-V+: 3,000 palm templates)
- Model SF1005-V+ additionally stores and matches up to 10,000 fingerprint templates
- Model SF1008+ has an 8" programmable touchscreen display (SF1005-V+ has a 5" display)
- Intelligent energy-saving design
- Dual-lens IR & VL camera recognizes faces in both total darkness and bright sunlight (<50,000 Lux)
- Body-temperature detection accurate up to 0.6° F from up to 18 inches away

SPECIFICATIONS:

Capacity (model SF1008+)
Faces: 50,000 | Palms: 5,000

Capacity (model SF1005-V+)
Faces: 6,000 | Palms: 3,000
Fingerprints: 10,000

Compatibility
Wiegand Input Panels
Wiegand Output readers
ZKBioSecurity Software
ZKTeco Security Relay Box (SRB)

Hardware
900 MHz Dual Core CPU
512MB RAM/ 8G Flash
8" or 5" Touch Screen Display
2MP WDR Camera
Distance Detection Sensor
Reset Button & Tamper Switch

Access Control Interface
Lock Relay Output
Alarm Output / Auxiliary Input
Exit Button / Door Sensor

Special Functions
0.3s Face Recognition Speed
Liveness Detection
Event Snapshot

Standard Functions
Access Levels, Groups, Holidays,
DST, Duress Mode (password),
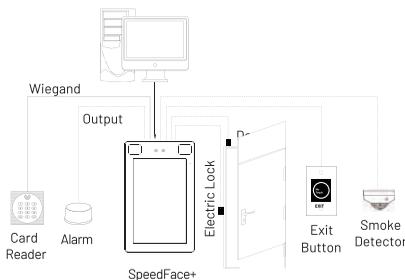Anti-Passback, Record Query,
Tamper Switch Alarm

Temperature Detection
Temperature Accuracy: +/- 0.6°F
Temperature Distance: 18 inches
Protective Mask Detection

Communication
TCP / IP
RS232/485
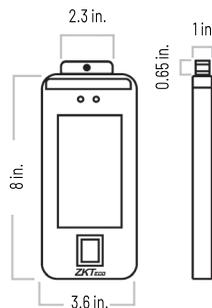Wiegand Input / Output

Additional Info
Face Algorithm: ZKLiveFace 5.8
Working Temp: -22°F to 140°F
Easily change display from °F to °C
Working Humidity: ≤ 93%
Storage Temp: - 40°F to 169°F
Storage Humidity: ≤ 93%
Net Weight: 1.5 lbs
Size (HxLxD): 8.9 x 5.6 x 1 inch

Power
Operating Voltage: 12V DC
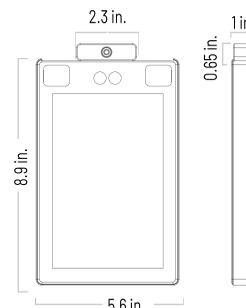Current Draw: < 2,000mA

CONFIGURATION:

Wiegand
Output
Card Reader
Alarm
Electric Lock
SpeedFace+
Exit Button
Smoke Detector

DIMENSIONS:

2.3 in.
1 in.
0.65 in.
8 in.
3.6 in.
Model SF1005-V+

2.3 in.
1 in.
0.65 in.
8.9 in.
5.6 in.
Model SF1008+

*The readers are not medical devices. They are not intended to substitute for professional medical advice, diagnosis or treatment. The readers grant or deny access based on sensor control settings and access requirements.

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