SPEEDFACE+ SERIES

Face & palm access control readers + Body temperature & Mask detection

SF1005-V+   SF1008+

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

The SpeedFace + embedded face & palm recognition sensor provides 100% touchless user authentication for various applications including Access Control, Time & Attendance, Visitor Management, Event Management, and 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).

Body Temperature & Mask Detection

In addition to providing face, palm, and fingerprint user authentication, SpeedFace+ protective mask is being worn. Users can be denied door access if an unacceptable body temperature or if no mask is detected.

The ability to quickly & accurately identify people having unacceptable body-temperature or not wearing a masks is becoming increasingly important for airports, schools, commercial office buildings, and other public meeting areas.

People having unacceptable body-temperature and their supervisors can then take appropriate action. SpeedFace+ combines a powerful embedded thermal camera and ZKTeco's 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.

FEATURES:

- User authentication read range up to 8 feet
- Model SF1008+ stores & matches up to 50,000 face templates (SF10052-V+, 6,000)
- Face verification possible while wearing protective mask (palm recognition advised)
- Model SF1008+ can store & match up to 5,000 palm templates (SF1005-V+, 3,000)
- Model SF1005-V+ additionally stores and matches up to 10,000 fingerprint templates
- Model SF1008+ has an 8" programmable touchscreen display (SF1005-V+, 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" 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
RS485
Wiegand Input / Output
Optional Wi-Fi

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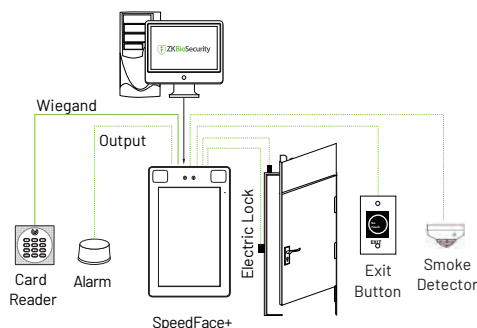Storage Temp: - 40°F to 169°F
Storage Humidity: ≤ 93%
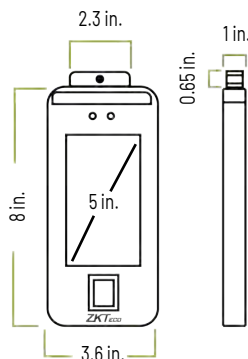Net Weight: 1.5 lbs
Size (HxLxD): 8.9 x 5.6 x 1 inch

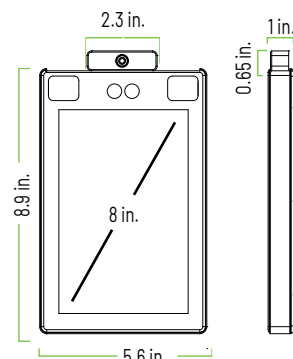**Power** Operating Voltage: 12V DC
Current Draw: < 2,000mA

CONFIGURATION:

DIMENSIONS:

Model SF1005-V+

Model SF1008+

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