

SF1005-V+

SF1008+



SPEEDFACE+ SERIES

Body-Temperature & Mask Detection
with Face & Palm Recognition



SpeedFace + is a series of body-temperature and mask detection readers with integrated face & palm recognition used in user authentication applications.

The SpeedFace + embedded face 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+ can detect body-temperature and the presence of a protective mask being worn by both registered and unregistered users. Users can be denied door access if a user defined unacceptable body temperature or if no mask is detected.

The ability to quickly & accurately detect body-temperature and the presence of a mask is becoming increasingly important for airports, schools, commercial office buildings, and other public meeting areas.

People identified having unacceptable body-temperature and their supervisors can then take appropriate action. SpeedFace+ combines a powerful embedded thermal camera and ZKTeco's latest face 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
- Body-temperature read range accurate up to +/- 0.6°F
- Model SF1008+ stores & matches up to 50,000 face templates (SF1005-V+, 6,000)
- Face verification with or without wearing a mask
- 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

**Body temperature accuracy +/- 0.6 °F when installed in climate controlled rooms. If room temperature is variable, ZKTeco recommends recalibrating SpeedFace+ temperature settings accordingly.*

SPECIFICATIONS:

Capacity (model SF1008+)

Faces: 50,000 | Palms: 5,000

Capacity (model SF1005-V+)

Faces: 6,000 | Fingerprints: 10,000 | Palms: 3,000

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

Liveness Detection
Event Snapshot

Standard Functions

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

Temperature Detection

Accuracy: +/- 0.6 °F
Distance: up to 18 inches

Protective Mask Detection

Communication

TCP / IP
RS485
Wiegand Input / Output
Wi-Fi

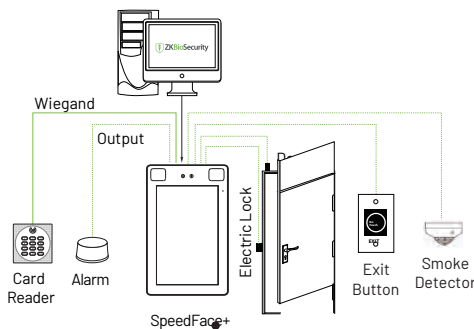
Additional Info

Face Algorithm: ZKLiveFace 5.8
Working Temp: -40 to 140°F
Working Humidity: 20% - 93%
Storage Temp: 32 to 122°F
Storage Humidity: 20% - 90%
Net Weight: 1.5 lbs
Size (HxLxD): 8.9 x 5.6 x 1 inch

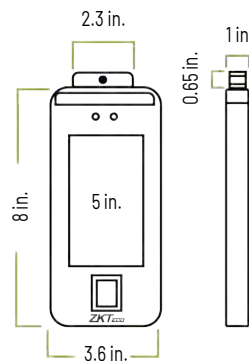
Power Operating Voltage: 12V DC

Current Draw: < 2,000mA

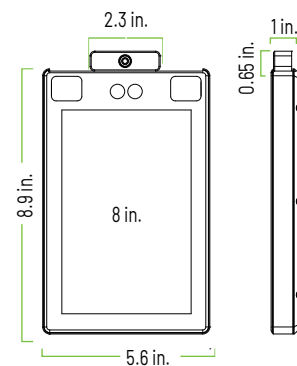
CONFIGURATION:



DIMENSIONS:



Model SF1005-V+



Model SF1008+

ProSF+-04172020

ZKTeco USA

1600 Union Hill Rd., Alpharetta GA 30005

Phone: (862) 505 - 2101 Fax: (862) 204 - 5906 sales@zktecousa.com www.zktecousa.com

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Manufacturers' Disclaimer:

The SF1008+/ SF1005-V+ is not an FDA-cleared device. SF1008+/ SF1005-V+ incorporates a telethermographic system intended to provide an initial body temperature reading for triage use, only. Body temperature readings recorded by SF1008+/ SF1005-V+ should not be relied upon to diagnose or exclude a diagnosis of COVID-19, or any other disease. Elevated body temperature readings by SF1008+/ SF1005-V+ should be confirmed with secondary evaluation methods (e.g., clinical grade contact thermometer). Public health officials should determine the significance of any elevated temperature based on the body telethermographic temperature measurement reported by SF1008+/ SF1005-V+.