SPEEDFACE+ SERIES

Body-Temperature & Mask Detection with Face & Palm Recognition

SF1005-V+   SF1008+

PATENT PENDING · USA PATENT PENDING · PATENT PENDING

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 stor 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 +/- 0.3 to 0.5°
- 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 I Palms: 5,000

Capacity (model SF1005-V+)
Faces: 6,000 | Fingerprints: 10,000 I 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
0.3s 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
Accuracy: +/- 0.6 ° F*
Distance: up to 18 in

Protective Mask Detection
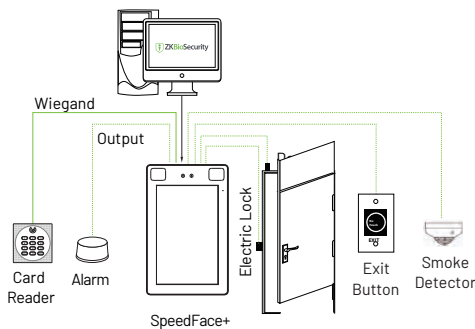
Communication
TCP / IP
RS485
Wiegand Input / Output
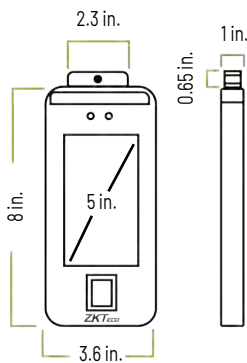Wi-Fi

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

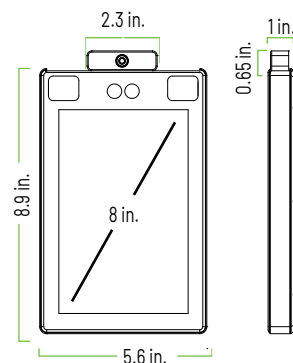**Power** Operating Voltage: 12V DC
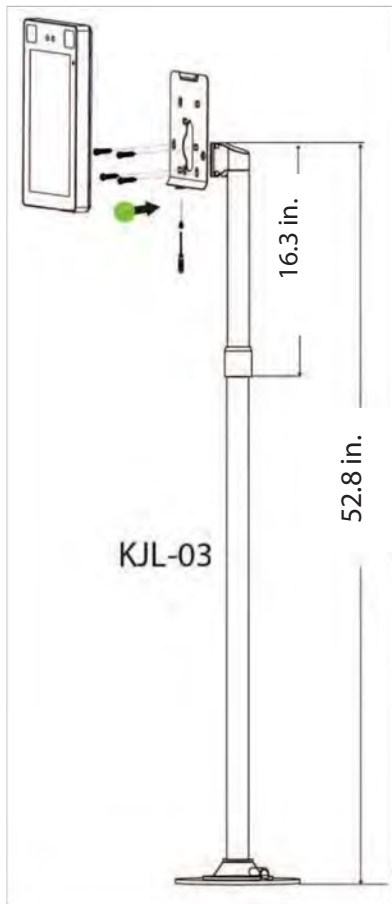Current Draw: < 2,000mA

CONFIGURATION:

DIMENSIONS:

Model SF1005-V+

Model SF1008+

BTX Technologies, Inc. | **www.btx.com** | **800.666.0996** | **info@btx.com**

SF-MOUNTING-POLE:

KJL-03

16.3 in.

52.8 in.

58.8 in

SF-Mounting-Pole is a 58.8 in. mounting pole for ZKTeco SpeedFace+ series readers (SF1008+ and SF1005-V+). The 16.3 inch piece allows for an adjustable height.

The SF-Mounting-Pole installs directly to the floor.

Material: Powder Coated Steel
Finish: White and Silver

SF-WALL-MOUNT:

SF-Wall-Mount is a wall plate and adapter combination that allows for an adjustable angle for both SF1008+ and SF1005-V+.

The SF-Wall-Mount installs directly to the wall or to the SF-Mounting-Pole.

Material: Steel
Finish: Grey

4.75 in.

3.75 in.

2 in.