

## 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).

## 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 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.



Face  
Reader



Palm  
Reader



Temperature  
Detection



Mask  
Detection



Model SF1005-V+

Model SF1008+

# 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)
- Both models store & match up to 5,000 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: 5,000  
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

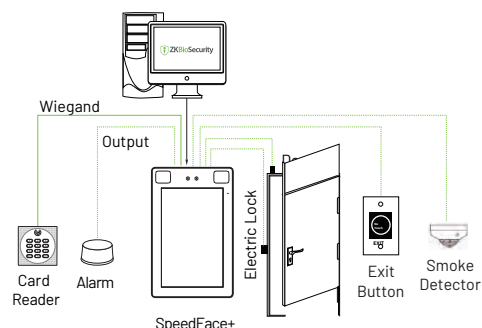
## Additional Info

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

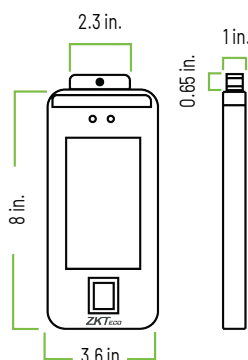
## Power

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

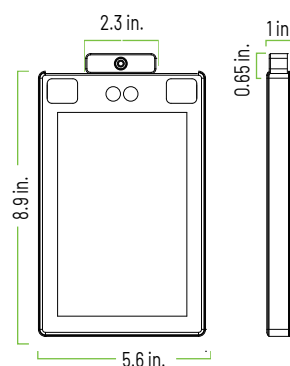
# CONFIGURATION:



# DIMENSIONS:



**Model SF1005-V+**



**Model SF1008+**

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