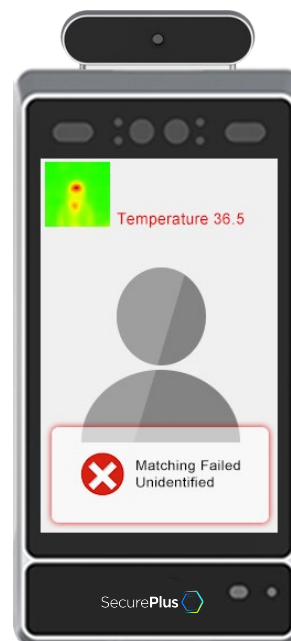


# SP-FE2-9A

## 8" Thermography Facial Recognition Reader



### Design Background

Facial Recognition is for verification. With thermal sensor, it can measure the body temperature at the same time. It will help the Company to stop any employee or visitor who exhibit high body temperature to enter the office area, this shall protect the people inside the premises not be infected.

### Description



Store Up to 20,000 facial characteristic templates; Facial Recognition speed <math><0.5s</math> & accuracy  $\geq 99.8\%$ ; Facial Recognition distance 0.3m ~ 1.5m

Off-line management: management via setting card or password;



Support Off-line synchronization of facial database (via TCP/IP).

Multiple access modes:



Multiple combination of Face/ card/ pin and Comparison of Face & card (facial characteristic templates were wrote in the user card).



Support fire alarm input and indication of Escape Route.



Support external card reader connection (option); Support relay output (option).



Supports scramble keypad.



Liveness detection: Effectively prevent from photos and videos of non-liveness approach;



Store up to 20,000 off-line events and display temperature;



Indicate the result of Facial Matching and Access status separately.



Display thermal imaging; In case of temperature is abnormal, the reader will send a preset card No. to the controller, not allow to access.



Support alarm function when high temperature is detected and capture the photo.



Supports multiple interfaces --- Wiegand & RS485 (OSDP).

### SPECIFICATIONS

Model	SP-XE2-9A
Functions	
<b>Configuration Functions:</b>	
Reading Technology	125KHz, ISO14443A, ISO15693
Card Format	Support different card formats
Access Modes	Facial / Facial+ Card/ Facial+ Pin/ Card+ Facial, Card+ Pin (option), Facial and Card comparison
Management	Setting card / Password
Reader output	Wiegand / RS485(OSDP Optional)
Hardware output	Relay output 12VDC@1A
Communication	WIFI / Ethernet Port

### Technical Specifications:

RAM	DDR3 4G
Flash	16GB
Touch Screen	8 "LCD & capacitive touch screen, Resolution: 800 x 1280
Light Compensation	White light for RGB camera / Infra-red wave for IR camera
Recognition Distance	Facial Recognition distance is from 0.3m to 0.5 m
Camera	Dual camera: IR+RGB

### Temperature Sensor Parameter

Detection Deviation	+/- 0.3°C
Detection Distance	0.3~1.2m
Pixel of Thermal Image	120*90
Operating Temperature	15°C~29°C

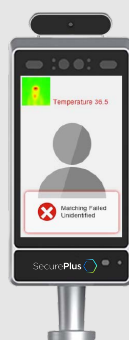
### Operation Specifications:

Operating Voltage	10~15VDC
Operating Current	2A (max)
Exterior Dimension	272*135*35mm
Operating Humidity	10% - 90% (non-condensate)

(Note: Wall & Desktop mounting bracket is optional)



Wall mount



Desktop mount