

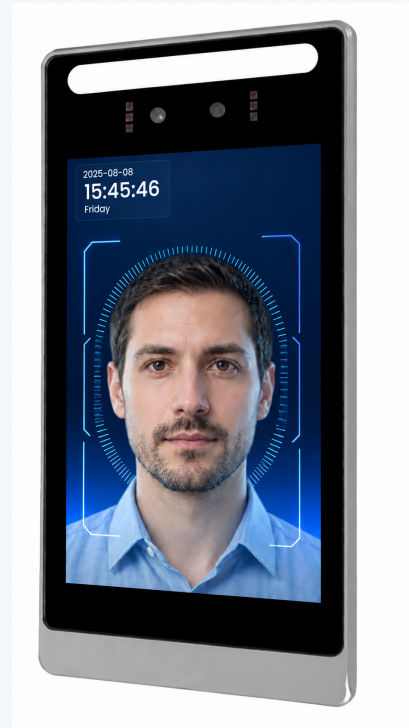
**BIOMETRIC ACCESS & ATTENDANCE**

# SS-FAI08-SI

## One terminal. Multiple ways to verify.

Face and palm vein recognition in an 8-inch touch terminal. Built for controlled entry, employee identification and connected attendance workflows.

**Aluminum housing / Android 11**



### 8-inch

1280 x 800 touch display

### 2 MP

Dual cameras with IR

### 10,000

Face / card / password users

## IDENTITY AT THE POINT OF ENTRY

### AI FACE RECOGNITION

Neural-network face recognition and binocular liveness detection algorithms. Face and mask-wearing recognition with 99.9% accuracy and millisecond-level recognition speed.

### TIME365 INTEGRATION

Direct integration with Time365 for employee identification, attendance event collection and centralized attendance management.

### OPEN ACCESS INTEGRATION

OSDP support, Ethernet, HTTP / WebSocket SDK and serial interfaces connect the terminal to access-control systems and external equipment.

## DESIGNED FOR EVERYDAY OPERATIONS

Offices / Government facilities / Campuses / Residential access / Industrial facilities

Face + palm vein / Mask-wearing recognition / Time365 integration / OSDP

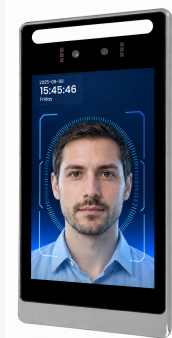
# Technical specifications

## SS-FAI08-SI

| COMPUTE & DISPLAY        |                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Processor / acceleration | RK3568 quad-core ARM Cortex-A55, 1.8 GHz; Mali-G52-2EE GPU; 0.8 TOPS NPU                                                  |
| Memory / storage         | 2 GB DDR4 RAM; 8 GB storage standard. Storage options: 16 / 32 / 64 / 128 GB.                                             |
| Operating system         | Android 11                                                                                                                |
| Display / touch          | 8-inch, 1280 x 800; G+G capacitive touch panel                                                                            |
| Imaging / illumination   | Dual 2 MP WDR cameras (color + monochrome); infrared illumination and white fill light                                    |
| BIOMETRICS & CAPACITY    |                                                                                                                           |
| Verification modes       | 1:1 and 1:N; face, palm vein, password, card and QR code algorithms                                                       |
| User capacity            | 10,000 face / password / card users; 20,000 palm vein users                                                               |
| Records / local photos   | 1,000,000 records; up to 20,000 locally stored capture photos                                                             |
| Recognition algorithms   | Neural-network face recognition; binocular liveness detection; face and mask-wearing recognition                          |
| Face verification        | Accuracy 99.9%; millisecond-level recognition; FAR $\leq 0.01\%$ ; distance 50-150 cm                                     |
| Palm vein verification   | Verification rate $\geq 95\%$ ; false acceptance rate $\leq 0.01\%$ ; speed $\leq 1$ s; optimal distance 15-30 cm         |
| Enrollment / recognition | Touchscreen enrollment; USB photo import; platform photo import / camera registration; up to 5 faces in multi-person mode |
| COMMUNICATION & I/O      |                                                                                                                           |
| Network / SDK            | 10/100 Mbps Ethernet; HTTP / WebSocket SDK                                                                                |
| Time365 integration      | Direct integration for employee identification, attendance event collection and centralized attendance management         |
| Serial / access control  | 2 x RS485; 1 x RS232; 1 x TTL; 1 x relay; OSDP; Wiegand 26/34 input and output                                            |
| Peripheral connections   | USB Host; USB OTG; mini HDMI; optional TF card                                                                            |
| Audio / intercom         | Speaker and microphone; name announcement (TTS); customizable video intercom                                              |
| Optional configurations  | 2.4 / 5 GHz Wi-Fi; Bluetooth 4.2; 4G / GPS; built-in IC card reader; wall / gate brackets                                 |
| PHYSICAL & ELECTRICAL    |                                                                                                                           |
| Power / enclosure        | 12 V DC, 2 A; aluminum alloy housing                                                                                      |
| Dimensions / environment | 132 x 255 x 27 mm; -15 to +60 C; relative humidity $< 90\%$                                                               |

# Where it works best

SS-FAI08-SI | Identity, attendance and controlled entry



## At the door. At the gate. Across your facilities.

Identify authorized people and connect entry events to your access-control and attendance workflows.

### 01 OFFICES & ENTERPRISES

Employee identification at office entrances, staff attendance capture and access to designated work areas.

### 02 GOVERNMENT & SERVICE CENTERS

Identity verification at staff entrances and controlled access points across administrative facilities.

### 03 SCHOOLS & UNIVERSITIES

Staff attendance and authorized access to campus buildings, departments and administrative offices.

### 04 RESIDENTIAL COMMUNITIES

Resident verification at building entrances and pedestrian gates, with optional card-based access.

### 05 INDUSTRIAL FACILITIES

Workforce identification at factory entrances and controlled access to designated operational areas.

### 06 CONNECTED INDUSTRIAL ENTRY

Identity-based entry workflows linked to external gas and environmental monitoring equipment.

#### DEPLOYMENT POINTS

Wall-mounted entrances / Pedestrian gates / Staff checkpoints