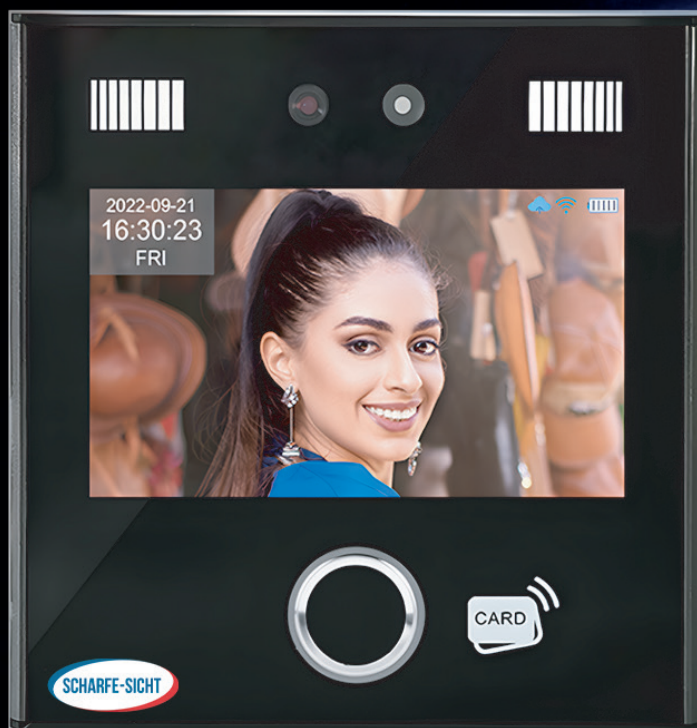




- Infrared Live Body Detection
- Large Capacity Data Storage
- Dynamic AI Face Recognition
- Anti-Spoofing Face Detection
- Facial Adaptation
- Light Adaptation
- Access Control
- ID/IC Card Optional
- Intelligent Voice Prompt
- Clear Display
- 4.3-inch HD Touch Screen

SS-FAI04-A

Face Recognition Device

AI-Powered Accuracy, Compact Control

The SS-FAI04-A combines facial and fingerprint recognition with advanced AI anti-spoofing to deliver secure, reliable access control and time attendance in a compact, user-friendly device.

Featuring live body detection, dynamic dual cameras, and mask detection, it's built to meet today's high standards for hygiene, security, and flexibility.



scharfesicht.com



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SS-FAI04-A Features

Hardware

Model No	SS-FAI04-A
Screen	4.3 Inch Touch Screen
Keypad	Touch Keypad
OS	Linux 3.10
CPU	80M Single-Core ARM Cortex-A7
NPU	80G (0.8T) Hashrate
RAM	256M DDR3L
ROM	4G EMMC
Camera	2MP Color Camera, 2MP Infrared Camera
WDR	WDR, Support Accurate Face Recognition Under Strong Light, Dark Light and Backlight
Network	TCP/IP, USB, Wi-Fi

Mechanical & Environmental

USB	USB2.0x1, Supports U Disk Import/Export Data
Power Supply	DC12V 1A
Built-In Battery (Optional)	7.4V, 2000mA
Working Environment	0~+45°C/20%~95% RH
Lighting Conditions	LED Soft Light, Automatic Full Light (Automatic Control According to Ambient Light)

Specifications

Live Detection	Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black & white, color photos and videos from deception
Logs Capacity	500.000
Verification	Face Recognition, Fingerprint, Password, ID Card (IC Card optional)
Face Capacity	10.000
Palm Capacity	10.000
Fingerprint Capacity	10.000
Card Capacity	5.000
Password Capacity	5.000
Face Recognition Accuracy	99.70%
Recognition Speed	≤ 0.2s
Recognition Distance	0.5 ~ 2.5 m - (0.5~1.5 mt with Live Face Recognition On)
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition
Free Attendance Software	Local software and web-based cloud software
Mask Detection	Support mask detection and face recognition with mask on
Access Control Interface	Lock Output, Doorbell Output, External Ring, Weight Input/Output
Language	English, French, Spanish, Portuguese, German, Italian, Greek, Danish, Finnish, Russian, Hebrew, Turkish, Bulgarian, Arabic, Korean, Japanese, Thai, Hindi, Romanian, Dutch, Polish

5.000

ID/IC Card
Optional

0.5 ~ 2.5
meters

Recognition
Distance

10.000

Face Capacity

≤ 0.2s

Recognition
Speed

10.000

Fingerprint
Capacity

4.3 Inch

Screen Display

2MP

Infrared Live
Camera

WDR

2MP Colorful
WDR

99.70%

Face Recognition
Accuracy



Touch Screen



Access Control



Multi Language



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