BIOMETRIC IDENTITY

SS-FAI03-BG

Access control. Time attendance.

Biometric AI terminal for access control and time attendance, with a 5-inch HD IPS touch display, visible and infrared cameras, multiple verification methods and a built-in battery.



5-inch HD IPS touchscreen

5,000 faces; 50,000 optional

10,000 fingerprints; 100,000 optional

500,000 logs

Recognition in ≤ 0.2 s

Built-in battery: up to 6 hours

DISPLAY & PROCESSING

Display	5-inch HD IPS touchscreen
Resolution	1280 × 720
Keypad	Touch keypad
Operating system	Linux
CPU	1.2G dual-core ARM Cortex-A7

NPU	600G (0.6T)
RAM	256 MB DDR3L
Storage	4 GB eMMC
Camera system	2 MP HD colour + 2 MP HD infrared; WDR

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Technical specifications

IDENTIFICATION & CAPACITY

Verification	Face, fingerprint, password, ID card; IC card optional
Face capacity	5,000; 50,000 optional
Fingerprint capacity	10,000; 100,000 optional
Card capacity	5,000; 50,000 optional
Password capacity	5,000; 50,000 optional
Logs	500,000
Recognition speed	≤ 0.2 s
Recognition distance	0.5-2.5 m
Liveness detection	Photo and video presentation rejection
Algorithm	Video-stream-based multi-task cascaded convolutional neural network for dynamic face detection, tracking and recognition
QR verification	Supported
User functions	Verified-user photo display, stranger detection, birthday audio and visuals

CONNECTIVITY & ACCESS

Communication	TCP/IP, USB Type A (U-disk), Wi-Fi; optional 4G
GPS	Optional
USB	USB 2.0 × 1; data import/export via U-disk
Relay output	One set
Wiegand output	One set; 26/34
Exit button	Supported
Doorbell	Supported

POWER & ENVIRONMENT

Power input	DC 12 V / 1 A
Built-in battery	Supported; up to 6 hours
Operating temperature	0 to +45 °C
Operating humidity	20-95% RH
Lighting conditions	Normal light, strong light, dark environment and backlight

LANGUAGES

Interface languages	English, French, Spanish, Portuguese, German, Italian, Greek, Danish, Finnish, Russian, Hebrew, Turkish, Bulgarian, Arabic, Korean, Japanese, Thai, Hindi, Romanian, Dutch, Polish

Plan your access and attendance system.

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