BIOMETRIC IDENTITY

SS-FAI04-A

Access control. Time attendance.

Compact face and fingerprint recognition terminal for access control and time attendance. A 4.3-inch touchscreen, visible and infrared cameras, liveness detection and mask detection support everyday identity workflows.



4.3-inch touchscreen

10,000 faces and fingerprints

500,000 logs

Recognition in ≤ 0.2 s

Mask detection

Optional built-in battery

DISPLAY & PROCESSING

Display	4.3-inch touchscreen
Keypad	Touch keypad
Operating system	Linux 3.10
CPU architecture	Single-core ARM Cortex-A7
NPU	80G (0.8T)

RAM	256 MB DDR3L
Storage	4 GB eMMC
Camera system	2 MP colour + 2 MP infrared
WDR	Supports recognition in strong light, low light and backlight

SS-FAI04-A

Technical specifications

IDENTIFICATION & CAPACITY

Verification	Face, fingerprint, password, ID card; IC card optional
Face capacity	10,000
Fingerprint capacity	10,000
Palm capacity	10,000
Password capacity	5,000
Card capacity	5,000
Logs	500,000
Recognition speed	≤ 0.2 s
Face recognition accuracy	99.70%
Recognition distance	0.5-2.5 m; 0.5-1.5 m with live face recognition enabled
Liveness detection	Dynamic dual-camera detection against photo and video presentation attacks
Mask detection	Mask detection and face recognition with a mask
Algorithm	Video-stream-based multi-task cascaded convolutional neural network for dynamic face detection, tracking and recognition

CONNECTIVITY & ACCESS

Communication	TCP/IP, USB, Wi-Fi
USB	USB 2.0 × 1; data import/export via U-disk
Outputs	Lock output, doorbell output, external ring
Attendance software	Local software and web-based cloud software

POWER & ENVIRONMENT

Power input	DC 12 V / 1 A
Optional battery voltage	7.4 V
Operating temperature	0 to +45 °C
Operating humidity	20-95% RH
Illumination	LED soft light with automatic adjustment to ambient light

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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