

# Face Recognition Terminal MAI-01



# ADVANCED BIOMETRIC TIME ATTENDANCE TERMINAL

## Reliable. Secure. Intelligent.

Built for modern workplaces and high-security environments, the **MAI01** delivers advanced face recognition-based attendance tracking, even with mask detection — all in a rugged **IP65**-rated design suitable for both indoor and outdoor use

### Outdoor & Indoor Ready

- **IP65** Rated: Dust-tight and water-resistant — perfect for all weather conditions.
- Aluminum Alloy Housing: Durable, corrosion-resistant casing for long-term use in harsh environments.

## High-Performance Face Recognition

- Face Recognition Capacity: Detects up to **5** faces simultaneously for fast throughput.
- Mask Detection Supported: Accurate recognition even when users wear face masks.
- Accuracy Rate: Industry-leading **99.7%** facial recognition precision.

Recognition Speed: Instant verification — ideal for busy entry points

## Multimodal Authentication

- QR Code Support: Quick scan for visitors or temporary users.
- Fingerprint Reader: Optional secondary biometric verification
- Face Recognition : Recognize Face quickly
- RFID : RFID card authentication
- PIN : PIN pad availability



CPU,NPU	1.2G Dual-Core ARM Cortex-A7, 600G (0.6T)
RAM	256MB DDR3
ROM	eMMC Flash 4GB
Binocular camera	200W Colorful WDR+200W Infrared live camera
Logs capacity	500000
Face Registration	Local operation: Enroll face with machine, import user photo with U disk Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition, password, ID/IC card optional
Face capacity	5000 (50000 optional)
Card Capacity	5000 (50000 optional), ID Card Standard, IC Card Optional
Password Capacity	5000 (50000 optional)
Face Recognition Accuracy	99.70%
stand-by current	310mA
Working current	520mA
Management Software	DC12V
Installation	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand
Temperature detection distance	0.5 meter
Temperature detection Accuracy	±0.3℃
Temperature detection error	0.5℃
Temperature detection minimum unit	0.01℃
Recognition Speed	≤0.2s, support single user/multi user(at most 5 users) recognition at same time
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
Prevent Photo	Dual camera anti-counterfeiting, prevent recognition with photo/video
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition
WDR	Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight
USB	USB2.0 x 1 , Support U disk import/export data
Power supply	DC12V interface x 1
Speaker Interface	Reserved for extended Speaker Interface
Network Communication	TCP/IP, Support C/S LAN communication, Wifi (optional)
Free Attendance software	Support USB Flash Driver Download for the excel files of detailed temperature detection record and attendance report
Shift	Support shift setting and importing shift schedule with U disk
Management Software	Support PC software to manage data through network connection with equipment
Access Control Function	Door unclosed alarm, forced door opening alarm, alarm linkage and output, one set of door opening signals, one set of alarm signals, time permission control, connect external access control reader, Wiegand 26/34 Output&Input
Environmental adaptability	Working temperature: -15℃~+45℃ (storage temperature -40℃~+65℃) , Working humidity: 20%~90% (storage humidity 20%~90±2%) , Dark enviroment: LED Soft light automatic fill light (Automatic control according to ambient light) Ambient light adaptation range: 0-50000Lux
Multi language	English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc
Broadcast and ring	Support display name, voice broadcast name, built-in bell ring
Automatic fill light	Support infrared fill light, the white fill light automatically lights up when face is captured in dark light <sup>3</sup>
Working Current	stand-by current: 310mA , Working current: 520mA
QR Code Scanner	Support
Working Voltage	DC12V
Installation Way	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand

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