

# MAI04 Mobile

Advanced Mobile Time Attendance Device  
for Outdoor Activities

4G



Cloud / OnPrem  
Software



5000  
Face Capacity



10000  
Fingerprint Capacity



0.5~2.5 Meters  
Recognition Distance



Live Face Detection



5 inch Touch Screen



QR Code Reading



Access Control



RFID Support



Photo Capture



Mask Detection

## Multi-Mode Access Identification



Face Recognition



RFID Card



QR Code Reading



Fingerprint



Flexible Fac Recognition Distance  
0.5~2.5 meters



Verification Logs transfer to  
Software in real-time

## Real-Time Facial Recognition with Liveness Detection



Real face recognition



Photo & Video  
not recognized

Our system features cutting-edge real-time facial recognition engineered to authenticate only live subjects. With robust liveness detection, it effectively rejects attempts using static photos or video recordings, ensuring unparalleled security and integrity for your operations.



Wear Glasses



Makeup



Mustache



Black Face



Wear Veil



Wear Mask



## Support 4G / GPS



Meuron AI introduces a state-of-the-art time attendance device for field-based employees. Combining AI-driven facial and fingerprint recognition with mobile tracking and extended battery backup, it ensures secure, real-time attendance monitoring—even in remote areas. The solution features multiple terminals connected via 4G, transmitting attendance details directly to the cloud for seamless, centralized workforce management

### Support Handheld Bag



### Support Backup battery



### Specifications

Product name	AI Face Recognition Access Control Time Attendance
Hardware	
CPU	1.2G Dual-Core ARM Cortex-A7
NPU	600G (0.6T)
RAM	256M DDR3L
ROM	4G EMMC
Camera	Real Sensor 1/2.9 inch FOV 75° 2MP pixel high-definition color camera WDR wide dynamic Sensor 1/5 inch FOV 75° 2MP pixel infrared live camera
Fill Light	LED Fill Light and Dual Infrared Fill Light (Automatic control according to ambient light)
Display	5.0 Inch IPS Touch Screen, HD 720*1280
Communication port	TCP/IP, USB-Type A(Support U disk), Wifi, RS485
4G / GPS	Support
Backup battery	Support
Handheld bag	Support
Product Size	188mm*80mm*20mm
Power	DC 12V, 2A
Working Temperature	0~45 °C
Working Environment	Under normal light, strong light, dark environment, backlight
Material	Aluminum alloy case
Firmware Specs	
OS	Linux 3.0
Language	English, Spanish, Arabic, Thai, Russian, Portuguese, French, Farsi, Vietnamese, Japanese, Turkish and customizable
Verify Method	Face Recognition, Fingerprint, ID Card(IC optional), Password or combination
QR Code Scanner	Support(Scan by camera)
Face/Card/Password	5,000(50,000 optional)
Capacity	
Fingerprint Capacity	10,000(100,000 optional)
Logs Capacity	500,000
Face Recognition Speed	<0.2S
Face Recognition Distance	0.5~2.5 meters(adjustable)
Live Face Detection	Reject Photo and Video
Mask Detection	Support mask detection and face recognition with wearing mask

### What is NPU?

NPU stands for Neural Processing Unit. It is a type of microprocessor that is specifically designed for artificial neural network (ANN) operations, such as deep learning and machine learning tasks. They can process large amounts of data in parallel, which enables faster processing compared to traditional CPUs.

NPUs can perform inference operations quickly, which reduces the latency in real-time applications such as autonomous image recognition systems. This low latency ensures that these systems can make decisions quickly real-time.