Hero Avatar
8 INCH HD IPS TOUCH SCREEN
AI DYNAMIC FACE RECOGNITION MACHINE

FC CE RoHS

IP65 Waterproof

FEATURES:

Linux OS | AI Algorithm | Cloud Based | Large Capacity
Fast Speed | Anti Spoofing | Aluminum Alloy | 2MP SONY Camera

FUNCTIONS:

Access Control | Time Attendance | Visitor Access | Voice Broadcast
Face Recognition | Card Reader | QR code Scanner | Fingerprint

Large and Clear Display

8 inch HD IPS Touch Screen, 800*1280 resolution, with high resolution vivid and clear display, sensitive touch screen.

8 inch Large Screen **800*1280px**

8 inch 800*1280px

Lrage Capacity Data Storage

Suitable for large enterprises with thousands of employees

| 50,000 faces | 100,000 fingerprints | 50,000 cards | 50,000 passwords | 500,000 logs |

AI Face Recognition Algorithm

NPU Neural Processing Unit

Faster Speed Powerful Feature Extraction
Improved Adaptability Enhanced Security

Ai

Applications In Various Domains Requiring Accurate And Efficient Face Recognition

- Fast Recognition Speed: <0.2S
- Multiple People Face Recognition: 5 People at same time
- Large Capacity: 50,000 Users
- Live Face Detection
- Mask Detection

Live Face Detection, Anti Sproofing

Prevent deception from printed photo, video and 3D face model

- 2MP HD Color Camera, For Color Display
- 2MP HD Infrared Camera, For Live Face Detection
- Dual Infrared Light, For Live Face Detection

Real face recognition ✓
Photo & Video not recognized ✗

RFID Card Reader | Fingerprint Sensor

Adpat To Facial Changes and Light Condition Changes

Wear Glasses | Makeup | Mustache
Black Face | Wear Veil | Wear Mask
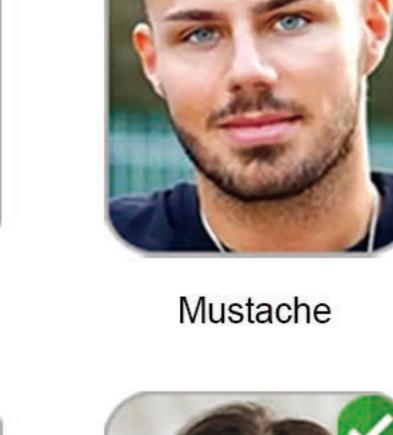
Strong frontlight | Strong backlight | Insufficient backlight

Intelligent Voice Prompt

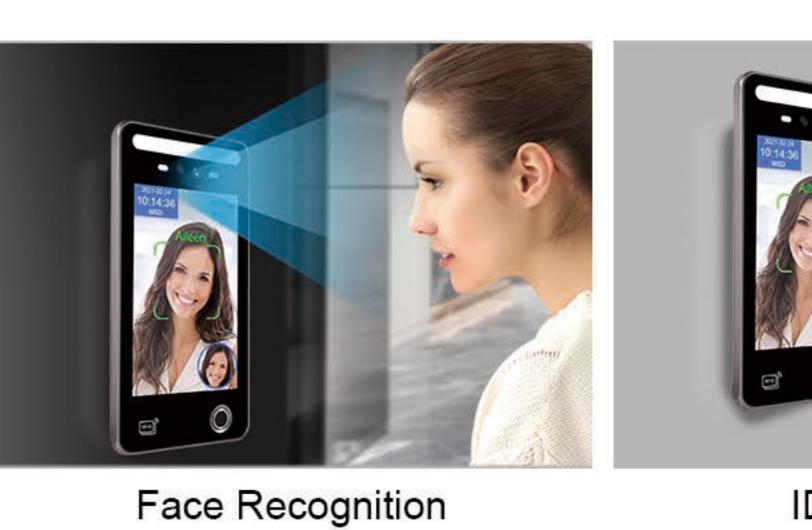TTS(Text To Sound) Technology
Support voice broadcasting users' name

Voice Prompt

Voice Prompt: Oscar Adam Verified

QR Code Scanner For Visitor Access Control

Generate QR Code With TIMY Mobile APP

Share The QR Code With Visitor

Multi Mode Access Identification

Support multiple identification method including face recognition, ID(125khz)&IC (13.56mhz)&NFC card reader, QR code reader, Password. It can be customized with HID card reader.

Face Recognition | ID/IC/NFC Card
QR Code Reading | Fingerprint

Specifications

Model	TM-AI08FW
Hardware	
CPU	1.2G Dual-Core ARM Cortex-A7
NPU	1200G（1.2T）
RAM	512M DDR3L
ROM	8G EMMC
Camera	2MP HD Color Camera, 2MP HD Infrared Camera, SONY camera Wide Range Dynamic
Fill Light	LED Fill Light and Dual Infrared Fill Light (Automatic control according to ambient light)
Display	8.0 Inch IPS Touch Screen, HD 800*1280
Communication port	TCP/IP, USB-Type A(Support U disk), Wifi
Waterproof	IP65
Product Size	256mm*132.6mm*20mm
Power	DC 12V, 2A
Working Temperature	0~45 ℃
Working Environment	Under normal light, strong light, dark environment, backlight
Case Material	Aluminum alloy
Firmware Specs	
OS	Linux 3.0
Language	English, Spanish, Arabic, Thai, Russian, Portuguese, French, Farsi, Vietnamese, Japanese, Turkish,and others are customizable
Verify Method	Face Recognition,Fingerprint,ID&Mifare Card,Password,or combination
HID Card Reader	Optional
QR Code Scanner	Support(Scan by camera)
Face/Card/Password Capacity	50,000
Fingerprint Capacity	100,000
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
Access Control Interface	
Relay output	One set
Alarm output	One set
Door sensor	Support
Wiegand	One set WG 26/34 Input/Output
Exit button	Support