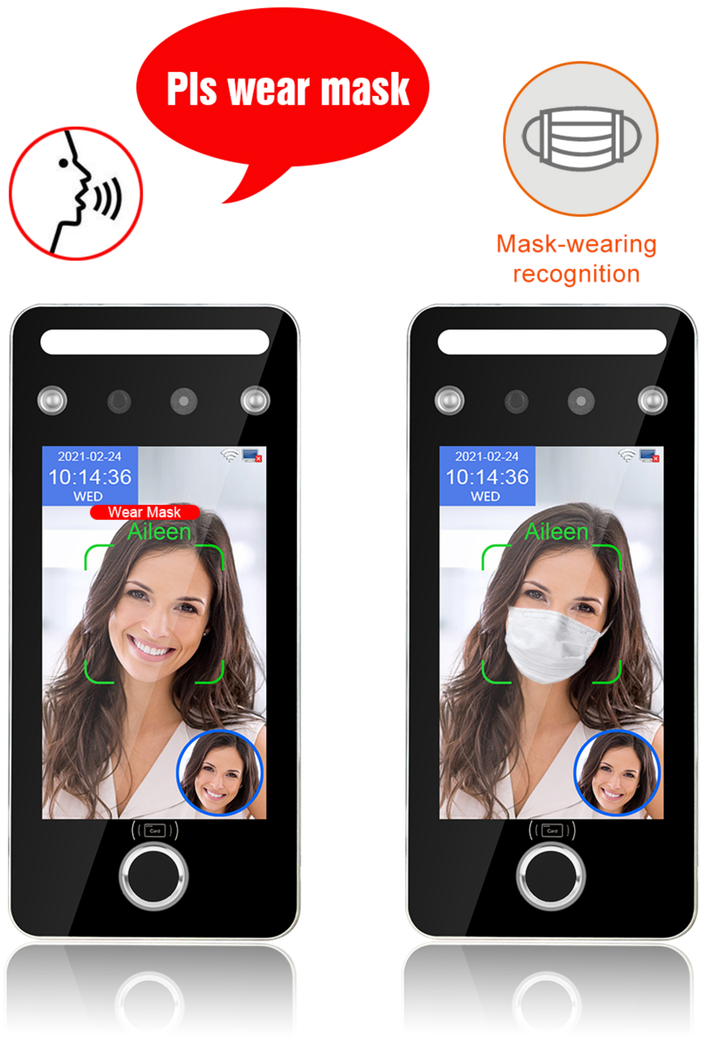
AI Face Recognition & Fingerprint Time Attendance and Access Control Terminal

- √ Dynamic face recognition
- √ Fingerprint
- √ ID/IC card optional
- √ Password

Support mask detection



Mask-wearing recognition

QR Code Scanning for Visitors

5 user — Single user / Multi user recognition

0.5～2.5 meters — Recognition Distance

5000 / 50000 optional — Face Capacity

≤.02s — Recognition Speed

WDR — 200W Colorful WDR

5 inch — Screen Display

Touch Scree

Multi Language

Access Control

200W — Infrared live camera

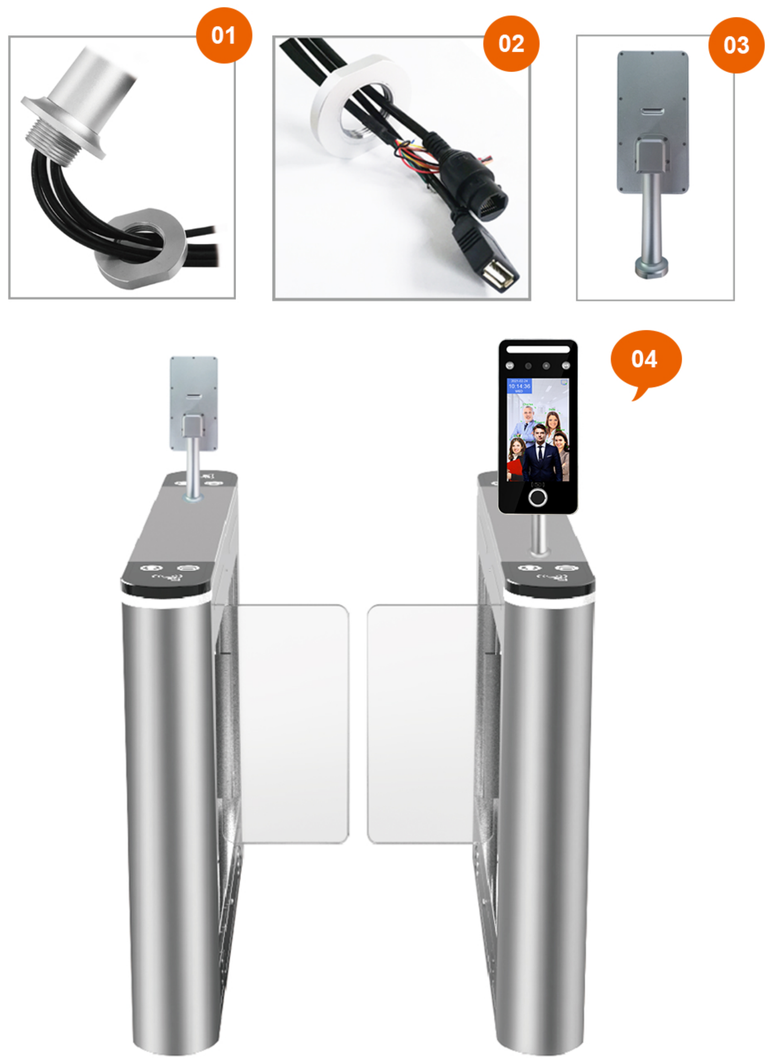
720*1280 — HD Screen

99.70% — Face Recognition Accuracy

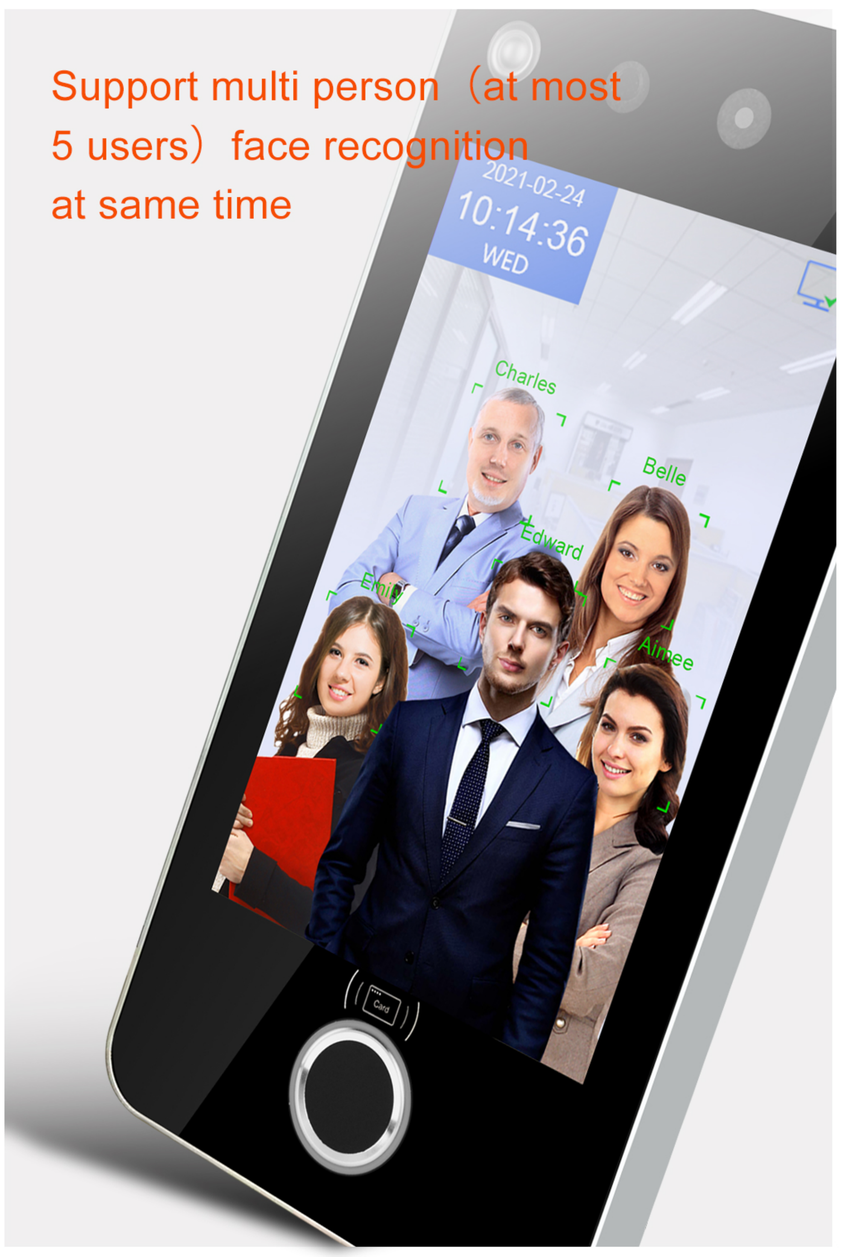
Support WDR(wide dynamic range), with good performance under strong light, dark light and backlight environment

Strong light | Dark light | Backlight

Holding With Turnstile



Support multi person（at most 5 users）face recognition at same time



Support capture stranger's photo if he appears in the camera and upload photo to software real time

Specifications

Product name	AI Dynamic Face Recognition Time Attendance Access Control Terminal
Screen	5.0 Inch, HD 1280*720, Capacitive Touch Screen
Keypad	Touch keypad
Operation system	LINUX 3.10
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)
Fingerprint Capacity	5000 (50000 optional)
Card Capacity	5000 (50000 optional)
Password Capacity	5000 (50000 optional)
Face Recognition Accuracy	99.70%
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 exporting excel attendance report with U disk
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
Broadcase and ring	Support display name, voice broadcase name, builtin bell ring
Automatic fill light	Support infrared fill light, the white fill light automatically lights up when face is captured in dark light
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
Machine Dimension	188x80x20mm