# AI Dynamic Face Recognition Access Control

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

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

LED
support LED and infrared light compensation at night

**HD Infrared Camera**
infrared detection camera, make picture automatic exposure and extend identification range

LCD display
4.3 inch touchable LCD display

Card reader

Attendance report download by USB flash driver

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|---|---|---|
| **5 user**<br>Single user / Multi user recognition | **0.5～2.5 meters**<br>Recognition Distance | **5000**<br>50000 optional<br>Face Capacity |
| **≤.02s**<br>Recognition Speed | **WDR**<br>200W Colorful WDR | **4.3 inch**<br>Screen Display |
| **Touch Scree** | **Multi Language** | **Access Control** |
| **200W**<br>Infrared live camera | **272*480**<br>HD Screen | **99.70%**<br>Face Recognition Accuracy |

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**Support mask detection**

Pls wear mask

Mask-wearing recognition

Wear Mask    Aileen

Aileen

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## Specifications

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|---|---|
| Product name | AI Dynamic Face Recognition Time Attendance Access Control Terminal |
| Screen | 4.3 Inch, HD 272*480, 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) |
| Card Capacity | 5000 (50000 optional), ID Card Standard, IC Card 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 |
| Device Dimension | 187.5x87.5x26mm |
| Color box dimension | 257x171x90mm |
| Carton dimension | Size：480x438x229mm，12Kg/carton，10units/carton |