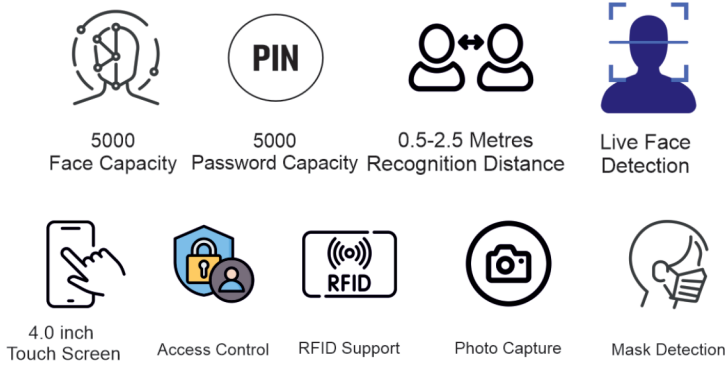


## SMARTZ-AI202 FACE RECOGNITION DEVICE



FAST. CONTACTLESS. SECURE.

### AI Dynamic Face Recognition Access Control C#/Java & Cloud Software

Photo & Video Not Recognized ( Only Real Face Recognition )

#### Multi-Mode Access Identification

- Face Recognition
- RFID Card
- Password

Flexible Face Recognition Distance ( **0.5-2.5 meters** )  
Verification Logs transfer to software in real-time.

#### Artificial Intelligence

Much Faster, Less False Reading .

#### Exporting Attendance Report

- Exporting report from PC software ( Connecting by U disk , TCP/IP , Wifi )
- Web Based Cloud Software and Mobile APP

\* Multi Location Attendance and Access Control  
Solution on Cloud )

#### Access Management

- Remote Unlock ( With Cloud Software/Mobile APP )
- Access Permission Assignment
- Real Time Monitoring

#### Monthly /Weekly/Daily Attendance Report Generate.

- Online Software
- Offline **USB Driver**



# Specification

|                             |  |
|-----------------------------|--|
| <b>Model</b>                | <b>Ai21</b>  |
| Product name                | Dynamic Face Recognition Time Attendance Access Control Terminal .   |
| Screen                      | 4 Inch HD Touch Screen   |
| Operation System            | LINUX 4.19   |
| CPU,NPU                     | ARM Cortex -A7 800G (0.8T)   |
| RAM                         | 256MB DDR3   |
| ROM                         | EMMC FLASH 4GB   |
| Binocular Camera            | 2PM Color Camera + 2PM Infrared Camera   |
| Live Detection              | Dynamic Dual- Camera Anti- Counterfeiting , to prevent all kinds of black-and-white , color photos and videos from deception                               |
| Log Capacity                | 500,000  |
| Verification                | Face recognition , Password, Id Card (IC card optional)  |
| Face Capacity               | 5,000  |
| Card Capacity               | 5,000 , ID Card Standard , IC Card Optional .  |
| Password Capacity           | 5,000.   |
| Face Recogniton Accuracy    | 99.70%   |
| Recogniton Speed            | <0.2s  |
| Recogniton Distance         | 0.5~2.5 meters (0.5~1.5 meters with live face recognition on )   |
| Prevent Photo               | Dual Camera anti-counterfeiting, prevent recogniton 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                         | USB2.0x1, Support Udisk Import/ Export data  |
| Power Supply                | DC12V 2A   |
| Network Communication       | TCP/IP, USB type-A , Wifi(optional )   |
| Free Attendance Software    | Local Software and web based Cloud Software  |
| Access Control Function     | Lock Output  |
|                             | Doorwell output/ External Ring   |
|                             | Wiegand Input/Output   |
| Environmental Adaptability  | Working temperature: 0 degree C ~ +45degree C  |
| Working Humidity            | 20%~90%,   |
| Dark environment            | LED Soft light automatic fill light ( Automatic control according to ambient light )   |
| Multi Languages             | Support 20 national languages and voices including English , Spanish, Arabic , Thai , Farsi , Portuguese, French , Italian , Japanese , Korean , etc       |

## Applications



Disclaimer: Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.

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