

iSbote A5 3D Face Recognition Attendance & Access System

iSbote A5 3D AI Dynamic Face Recognition Access Control System is latest generation of access and attendance solution, based on advanced Dynamic face recognition technology. With high flexibility, A5 supports multiple unlock modes, including high security 3D Face Recognition, Password, ID/IC card and more.

A5 also supports multi-personal (at most 5 users) simultaneous face recognition in different brightness conditions for its built-in WDR (wide dynamic range), which guarantees good performance under any high or low brightness environment. In addition, while requested, A5 also can capture stranger's photo if he/she appears in the camera and upload photos to application software in real time, which improves system's user-friendliness and convenience in everyday life. Superiorly intelligent, A5 can accurately display user enrolled photo category when recognizing face.

Key Features

- Support face recognition for 5 person at same time, recognition speed is less than 0.2s
- Support WDR(wide dynamic range), and support face recognition under light/dark condition
- Multiple modes to access internet, like TCP/IP, USB Link or WIFI Optional
- Support stranger(new employees) face-picture capturing in camera detection range
- Can adjust face recognition distance for short, middle, or long-distance range
- Provide Free Desktop Software, Web Cloud, and Mobile App.

Key Benefits

- 3D face recognition ensures live body face detection, prevent human photo and video
- Support QR code reader to simplify access procedure and improve efficiency
- Support face identification with wearing mask or make up
- Screen lock setting for automatic face detection for greener world
- Professional time attendance and access control function
- Based on latest advanced Dynamic face recognition technology

Core Specifications

Product name	AI Dynamic Face Recognition Time Attendance Access Control Terminal
Screen	4.3 Inch, HD 1280*720. Capacitive Touch Screen
Keypad	Touch keypad
Operation system	LINUX3.10
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, IDIC card optional
Face capacity	5000 (20000 optional)
Fingerprint Capacity	10000
Card Capacity	5000 (0000 optional), ID Card Standard, IC Card Optional
Password Capacity	5000 (20000 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)
Photo Avoiding	Dual camera anti-counterfeiting, prevent recognition with photo video
Principle of identification	Face algorithm technology of multitask 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 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, Wi-Fi (optional)
Free Attendance software	Support exporting excel attendance report with U disk
Shift	Support shift sting and importing shit 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 ° C~+65℃); Working humidity: 20%~90% (storage humidity 20%~90+2%), Dark environment: 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
Broadcast and ring	Support display name, voice broadcast name, bulletin 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	187.5x87.5x26mm

AI Dynamic Face Recognition Access Control

- ✓ Dynamic face recognition
- ✓ Password
- ✓ ID/IC card optional





Single user /
Multi user recognition



Recognition
Distance



Face
Capacity



Recognition
Speed



200W Colorful
WDR



Screen
Display



Touch
Scree



Multi
Language



Access
Control



Infrared live
camera



HD
Screen



Face Recognition
Accuracy

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



Support mask detection



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

Strong light



Dark light



Backlight



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



Display user enrolled photo when verified face



Support set face recognition

distance: close(around 0.8m),
middle(around 1.5m),
far(around 2~3m)



Support lock screen

After locking screen, user have to touch the screen to active the machine, then do face recognition.

If not touch the screen, even if the user stand in front of machine it not recognize face.



Voice prompts for happy birthday when user verify face, if you put user's date of birth in machine



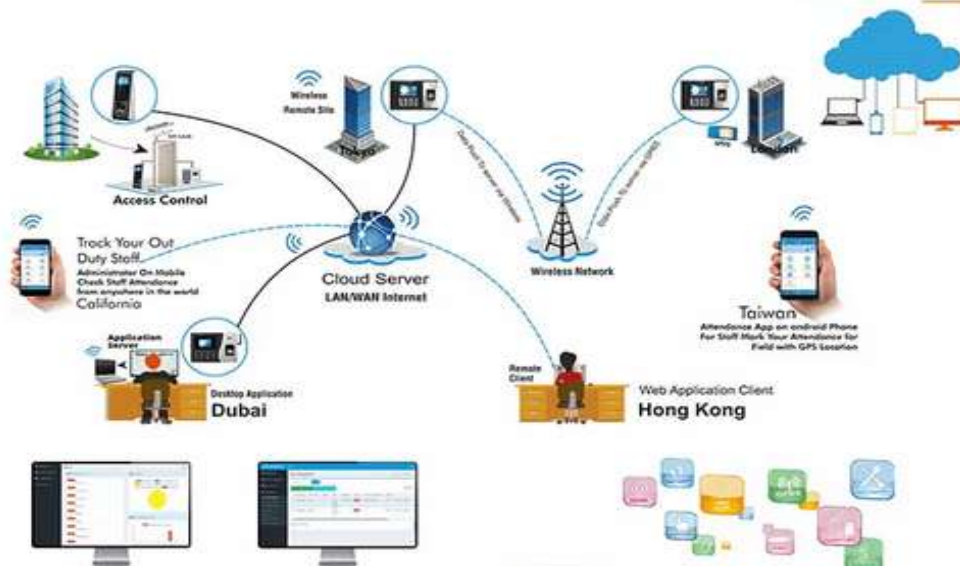
QR Code Scanning for Visitors



Web Based Cloud Software

Multi Location Attendance and Access Control Solutions

On Cloud



Support set face recognition

distance: close(around 0.8m),
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