iSbote A2 3D Face Recognition Attendance & Access System

4.3 inch Touch Screen, Face Recognition, WDR, WIFI Optional, Mobile APP Control

iSbote A2 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, A2 supports multiple unlock modes, including high security 3D Face Recognition, Password, ID/IC card and more.

A2 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, A2 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, A2 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: -15C~ +45 ° (storage temperature -40 ° C~+65^C); 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, talian,. 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 Face Recognition & Fingerprint Time Attendance and Access Control Terminal

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

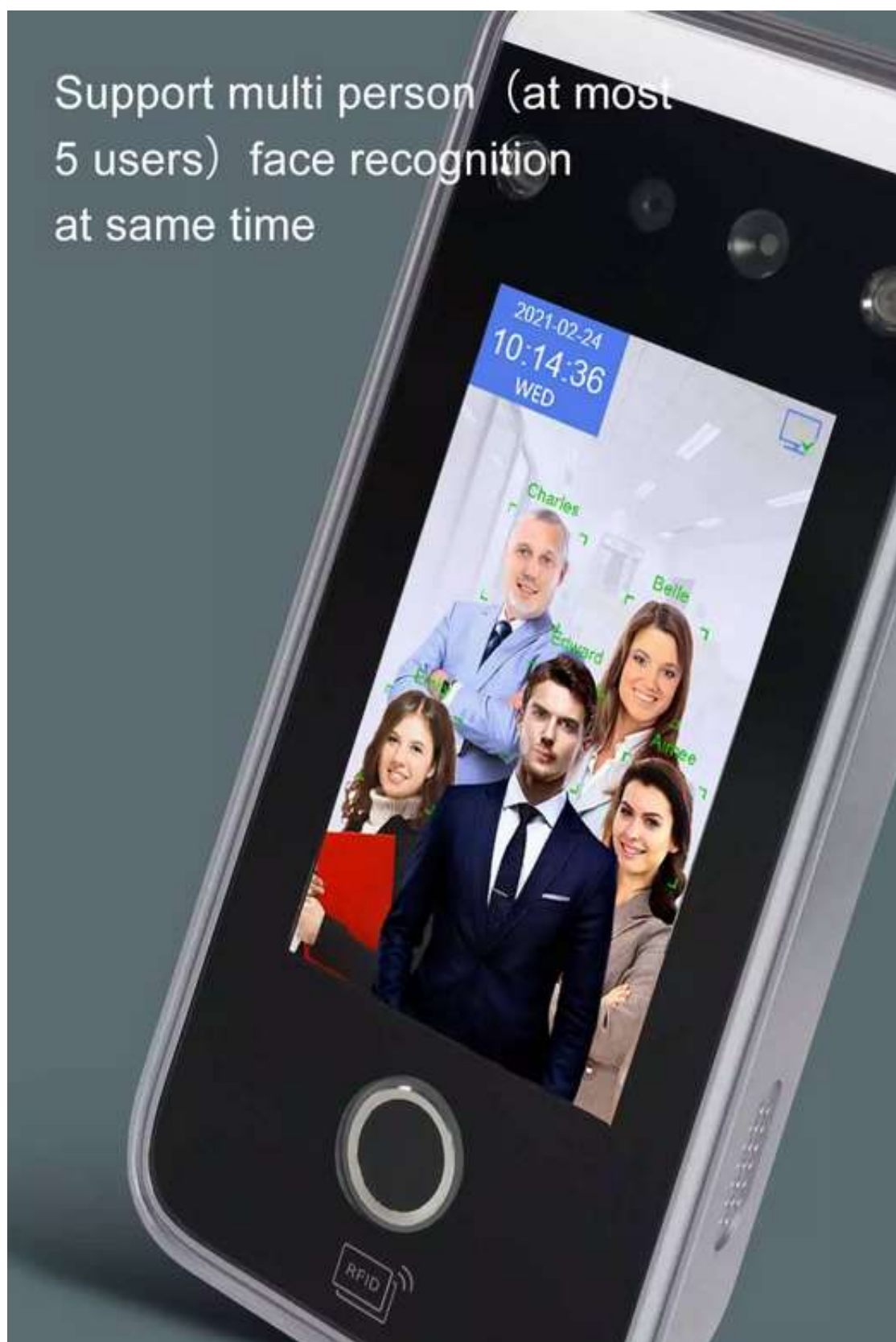|		
5user	**0.5~2.5 meters**	**5000** 20000 optional
Single user / Multi user recognition	Recognition Distance	Face Capacity
≤.02s	**WDR**	**4.3 inch**
Recognition Speed	200W Colorful WDR	Screen Display
Touch Scree	Multi Language	Access Control
200W	**272*480**	**99.70%**
Infrared live camera	HD Screen	Face Recognition Accuracy

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

Support mask detection

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

Long Stand

Medium Stand

Short Stand

1099

600

Display user enrolled photo when verified face

Support set face recognition
distance: close(around 0.8m),
middle(around 1.5m),
far(around 2~3m)

2-3m
Far

1.5m
Middle

0.8m
Close

Supports Locking Screen

After the device screens not used the screen will lock.
Users have to unlock the screen using fingerprint
detection, activating the screen for face
recognition detection.

Voice prompts for happy birthday when user verify face, if you put user's date of birth in machine
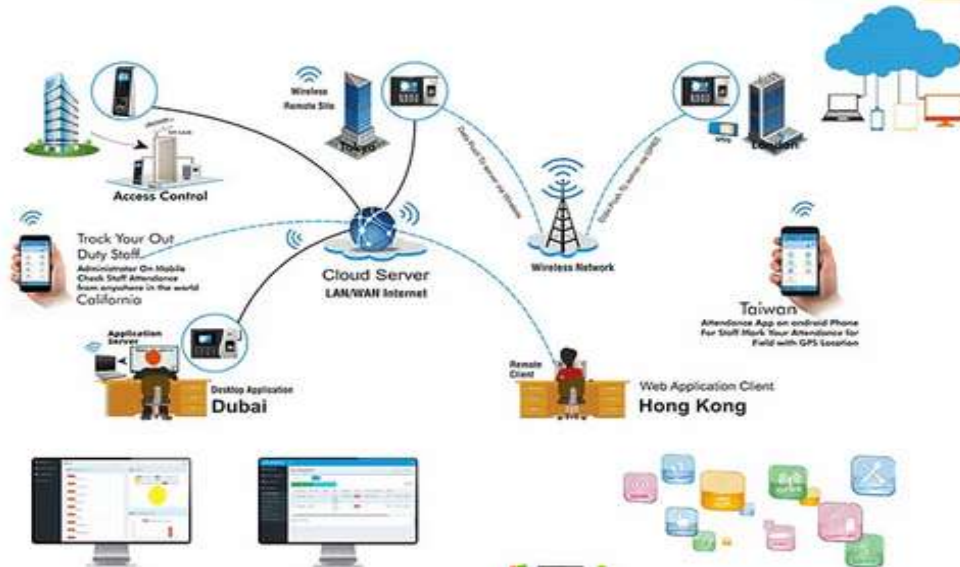
LED
support LED and
infrared light
compensation
at night

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

2021-02-24
10:14:36
WED

Aileen

LCD display
4.3 inch touchable
LCD display

Fingerprint reader

Card reader

**Attendance report
download by
USB flash driver**