Index of iSbote Access & Intercom System

Presented by

iSbote Intelligent Technology Co, Ltd

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iSbote A1 3D Face Recognition Attendance & Access System

5 inches waterproof hi-capacity 3D face recognition fingerprint APP controllable smart access solution

iSbote A1 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, A1 supports multiple unlock modes, including high security 3D Face Recognition, Password, ID/IC card and more.

A1 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, A1 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, A1 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	iSbote A1 AI Face Recognition Access Control Terminal
Screen	5.0 Inch IPS Touch Screen, HD 720*1280
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU,NPU	1.2G Dual-Core ARM Cortex-A7
RAM	256M DDR3L
ROM	4G EMMC
Binocular camera	Real Sensor 1/2.9 inch FOV 75° 200W pixel high-definition color camera WDR

	wide dynamic Sensor 1/5 inch FOV 75°200W pixel infrared live camera
Live detection	Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black-and-white, color photos and videos from deception
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(20000 optional)
Card Capacity	5000(20000 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)
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 Supports simultaneous recognition of up to 5 people, face tracking, face capture
USB	USB2.0x1，Support U disk import/export data
Power supply	DC12V 2A
Network Communication	TCP/IP, Wi-Fi
Management Software	Desktop, Cloud ,SDK, Mobile APP
Access Control Function	Magnetic door: support Alarm output: 1 set Usb Disk output:1 set Relay output:1 set Exit button: 1 set WG: 1 set WG In, out External alarm: support

QR Code Scanner	Support
Environmental adaptability	Working temperature: -15C~+45°C (storage temperature -40C~+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	Support 20 national languages and voices including English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc Support Chinese, English, Korean, Persian T9 input method
Installation Way	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand

4

5 user

Single user /
Multi user recognition

0.5~2.5 meters

Recognition
Distance

5000 20000 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 multi person（at most 5 users）face recognition at same time

Support mask detection

Pls wear mask

Wear Mask

Mask-wearing recognition

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

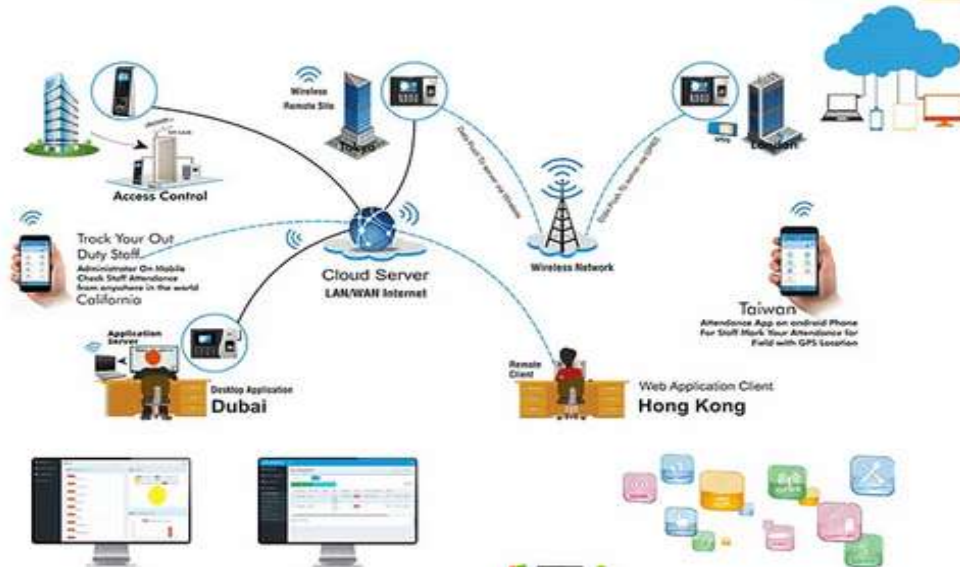## Display user enrolled photo when verified face

QR Code Scanning
for Visitors

20mm

185mm

110mm

Web Based Cloud Software

Multi Location Attendance and Access Control Solutions
On Cloud

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

iSbote A2 3D Face Recognition Attendance & Access System

4.3 inch Touch Screen, Face Recognition, WDR, WIFI, Mobile APP Controlled Access Device

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;

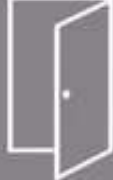|	
	Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition. password, IDIC card optional
Face capacity	5000 (20000 optional)
Fingerprint Capacity	10000
Card Capacity	5000 (0000 optional), ID Card Standard, IC Card Optional
Password Capacity	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

5user

Single user /
Multi user recognition

0.5～2.5 meters

Recognition
Distance

5000 20000 optional

Face
Capacity

≤.02s

Recognition
Speed

WDR

200W Colorful
WDR

4.3 inch

Screen
Display

Touch
Scree

Multi
Language

Access
Control

200W

Infrared live
camera

272*480

HD
Screen

99.70%

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

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)

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

QR Code Scanning
for Visitors

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

Web Based Cloud Software

Multi Location Attendance and Access Control Solutions
On Cloud

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

iSbote A3 Face Recognition Attendance & Access System

Latest 5-inches feature-rich 3D face recognition fingerprint APP controllable smart access solution

iSbote A3 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, A3 supports multiple unlock modes, including high security 3D Face Recognition, Password, ID/IC card and more.
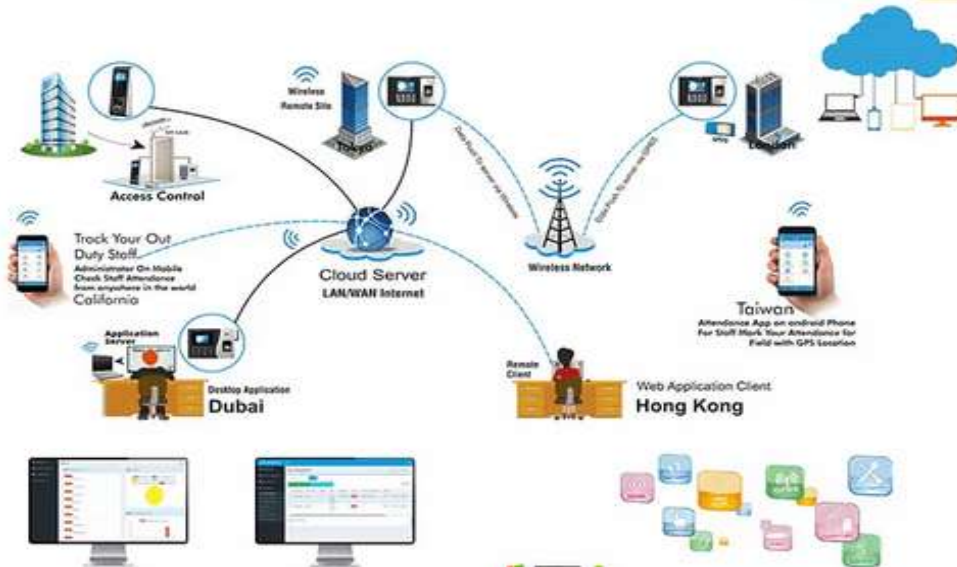
A3 also supports multi-personal (at most 5 users) simultaneous face recognition in different brightness conditions for its built-in WDR (wide dynamic range), which guarantees good performance under any high or low brightness environment. In addition, while requested, A3 also can capture stranger's photo 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, A3 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 Specification

Product name	iSbote A3 AI Dynamic Face Recognition Time Attendance Access Control Terminal
Screen	5 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
Power supply	DC12V interface x 1
Network Communication	TCP/IP, Support C/S LAN communication, Wi-FI (optional, 35$), 4G(65$)
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	About 120.5x130. 5x26mm

5 Inch Dual Camera Fingerprint Time Attendance And Access Control Face Recognition Attendance System With Backup Battery

Freely Using PC Software/
Web Cloud/Mobile App

sdk C#/Java
SDK provided

Single user / Multi user   0.5-2.5 meters   WDR Technology   Live Body Detection   5 inch display

Multi-Language   Access Control   RFID Support   Photo Capture   OEM Screen savers

Fingerprint Capacity

Infrared Live Body Detection

Fast identify forehead, nose, chin, mouth, etc.

Forehead
Nose
Mouth
Chin

| Wear Glasses | Makeup | Mustache | Black Face | Wear Veil | Wear Mask |

Real face recognition

Photo & Video not recognized

5 People Face
Recognition At Same Time

Emily Charles Edward Belle Aimee

Flexible Face Recognition Distance
0.5~2.5 meters

0.5m Close
1.5m Middle
2.5m Far

Verification Logs transfer to software in real-time

Dual Infrared Light, For Live Face Detection

LED Fill Light For Dark Environment

200W HD Color Camera, For Color Display

200W HD Infrared Camera, For Live Face Detection

Card Reader

TCP/IP Port

Power Port: DC12V 1A

USB Port

Bell+
Bell-
WG_OUT1
WG_OUT0
LOCK_NC
LOCK_COM
LOCK_NO
BUTTON
GND
+12V

Capacitive Fingerprint Sensor

5 inch HD IPS Touch Screen, Resolution 1280*720

Desktop Holder

Wall Mount Panel

Exporting Attendance Report

Exporting report from AI05 machine with U disk

Original record

Date:2019-8-1~2019-8-31

ID:1 Name:Lucas Dept.:Office Shift:Day Shift

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25
12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03
13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26
18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06

Original record schedule Summary Report

schedule

ID:1		Name:Lucas								
Dept.:Office		Shift:Day Shift					Date:2019-8-1~2019-8-31			

Date	week	Sec1		Sec2		Sec3		Work hours		OT hours	Late minutes	Leave minutes
		IN	OUT	IN	OUT	IN	OUT	Normal	Actual			
8-1	THU	08:25	12:03	13:26	18:06	18:06		8	8	0	0	0

Original record schedule Summary Report

Summary Report

Date: 2019-8-1~2019-8-31

ID	Name	Dept.	Work hours		Late minutes		Leave minutes		OT hours		Work Dates(Normal/Actual)	Truancy
			Normal	Actual	TIMES		Minutes	TIMES	Minutes	Normal		
1	Lucas	Office	248.0	248					77.5		31.0/31.0	0

Original record schedule Summary Report

Exporting report from PC software(Connecting by TCP/IP or Wifi)

TCP/IP

Router

USB

WiFi
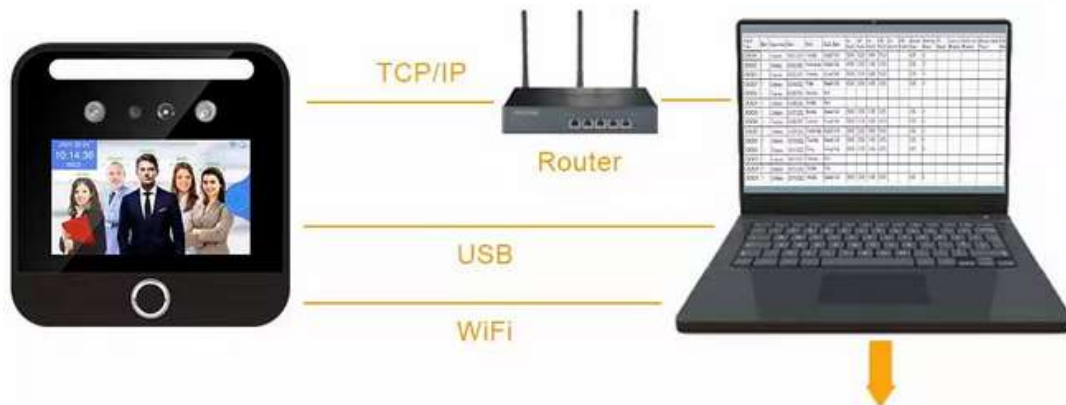
Name	Staff Code	Date	Week	Time1	Time2	Time3	Time4	Time5	Time6	Time7	Time8	Time9	Time10	Time11	Time12	Total work time
1	00000001	03/01/2022	Tuesday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/02/2022	Wednesday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/03/2022	Thursday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/04/2022	Friday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/05/2022	Saturday	08:00	12:00	14:00	18:00									9.00
1	00000001	03/06/2022	Sunday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/07/2022	Monday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/08/2022	Tuesday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/09/2022	Wednesday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/10/2022	Thursday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/11/2022	Friday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/12/2022	Saturday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/13/2022	Sunday	08:00	12:00	14:00	18:00									8.00
1	00000001	03/14/2022	Monday	08:00	12:00	14:00	18:00									8.00
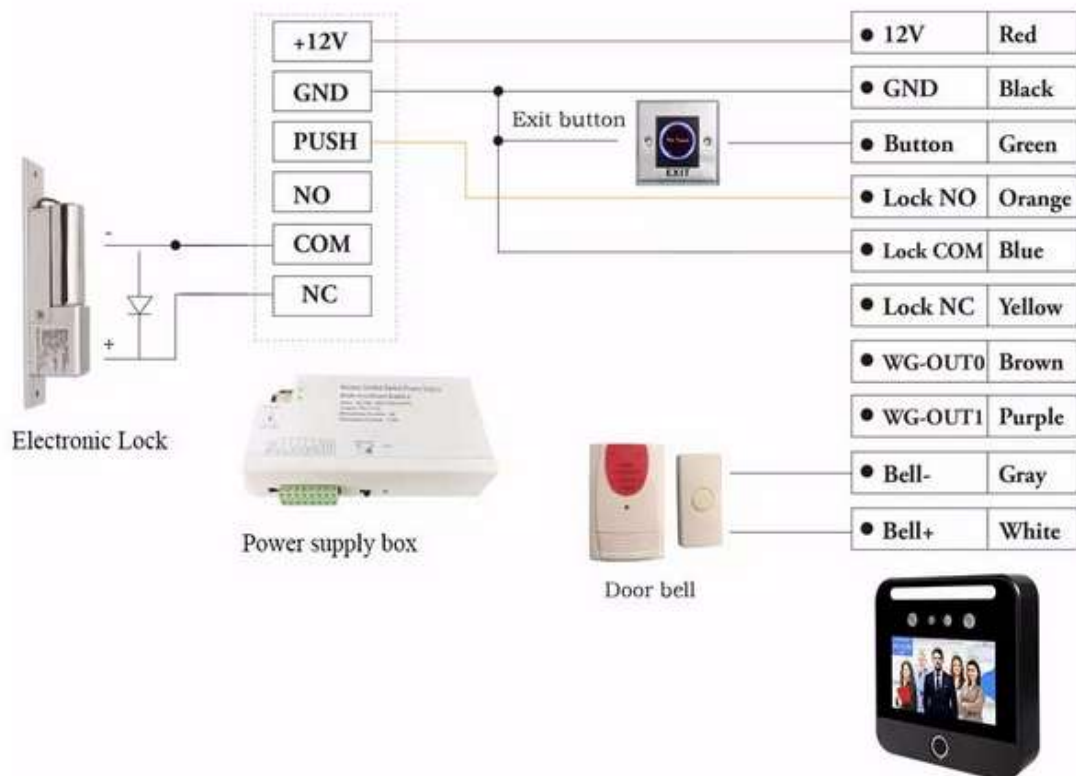
Mobile APP: Intelligent Cloud Platform

Access Control Diagram

+12V	● 12V	Red
GND	● GND	Black
PUSH	● Button	Green
NO	● Lock NO	Orange
COM	● Lock COM	Blue
NC	● Lock NC	Yellow
	● WG-OUT0	Brown
	● WG-OUT1	Purple
	● Bell-	Gray
	● Bell+	White

Exit button

Electronic Lock

Power supply box

Door bell
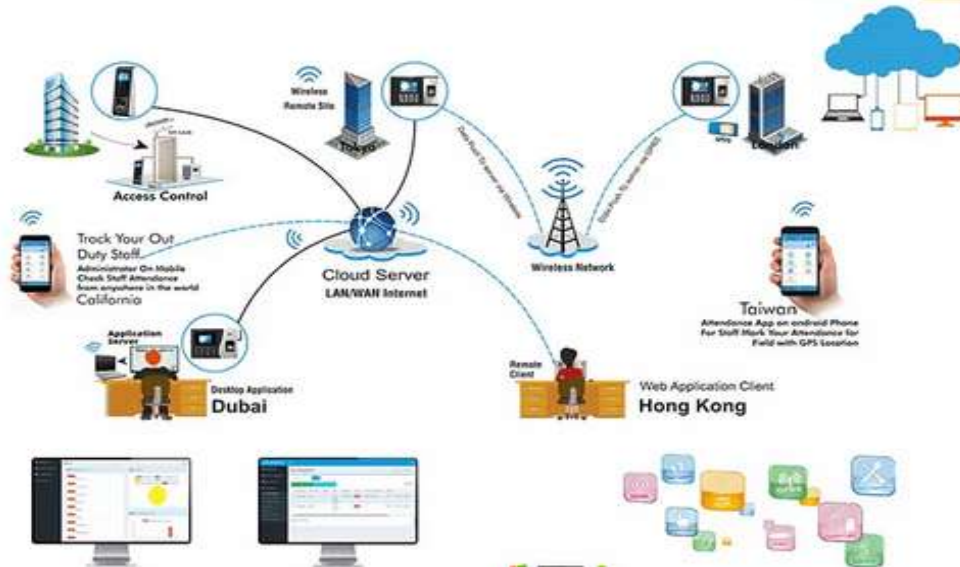
iSbote A5 3D Face Recognition Attendance & Access System

4.3-inches feature-rich 3D face recognition fingerprint APP controllable smart access device

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)
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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
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Network Communication	TCP/IP, Support C/S LAN communication, Wi-FI (optional)
Free Attendance software	Support exporting excel attendance report with U disk
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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

5user

Single user /
Multi user recognition

0.5～2.5 meters

Recognition
Distance

5000
20000 optional

Face
Capacity

≤.02s

Recognition
Speed

WDR

200W Colorful
WDR

5inch

Screen
Display

Touch
Scree

Multi
Language

Access
Control

200W

Infrared live
camera

720*1280

HD
Screen

99.70%

Face Recognition
Accuracy

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

Support mask detection

Mask-wearing
recognition

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

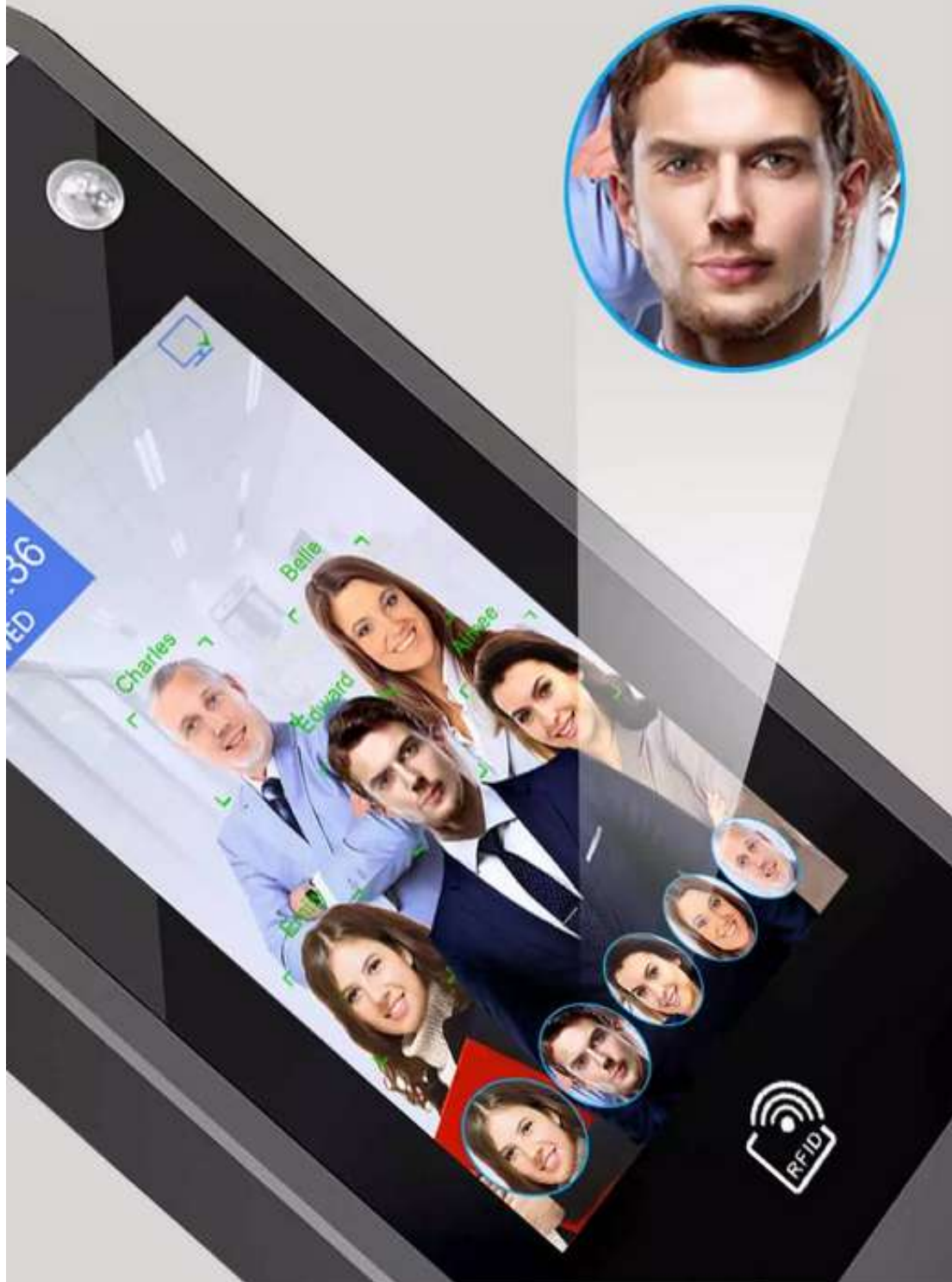Strong light   Dark light   Backlight

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

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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

45

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.

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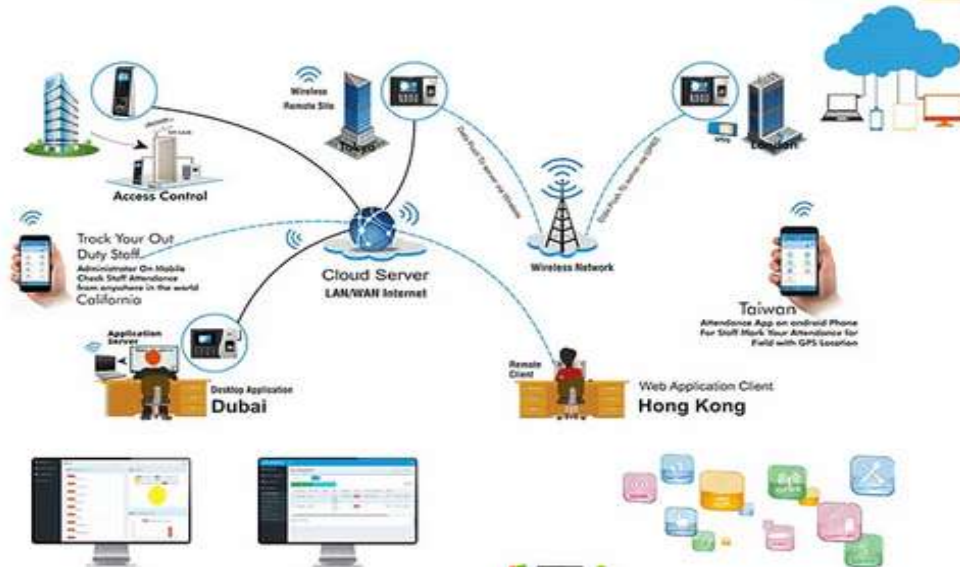
QR Code Scanning
for Visitors

Web Based Cloud Software

Multi Location Attendance and Access Control Solutions
On Cloud

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

iSbote A7 Face Recognition Video Doorbell Intercom Access System

Intercom, Access Control, Video Record/playback, Face Recognition Unlock, Mobile APP Access, Indoors & outdoors

iSbote A7 AI Dynamic Face Recognition video doorbell system is latest generation of access doorbell solution, and integrate a range of advance features into a robust architecture . With high flexibility, A7 supports multiple unlock modes, including high security Face Recognition, Password, QR code, ID/IC card and optional monitor. A7 is also characteristic of powerful interaction functions and remote controllability via mobile APP.

A7 has night vision capability as well as recording/playback function for high security around your facility. With embedded Ai technologies, A7 adopts versatile hardware/chipsets to maintain highly availability in demanding environment. In addition, while requested, A7 also might capture stranger's photo if he/she appears in the camera, which further improves system security in everyday life. Superiorly intelligent and convenient, A7 can accurately recognize face to unlock.

Key Features

- Support face recognition, recognition speed is less than 0.5s
- Support WDR(wide dynamic range), and support face recognition under light/dark condition
- Multiple modes to access internet(TCP/IP intercom)
- Can adjust face recognition distance for short, middle, or long-distance range
- Provide proprietary and tuya Web Cloud, and Mobile App
- Elevator Linkage Function for high availability
- Multiple unlocking modes: FR, QR, RFID, APP, Password
- 1080P HD display in 4.3inch
- Touch screen and night vision

Key Benefits

- Dynamic face recognition unlock, prevent human photo and video
- Support QR code reader to simplify access procedure and improve efficiency
- Screen lock setting for automatic face detection for greener world
- Professional access control function with effortless wiring
- Based on latest advanced Dynamic face recognition technology
- Image/Video Advertising Playback
- All-in-One: Calling, Intercom, Unlocking, Monitor
- Up-to-date Android intercom system

Core Specifications

Model	iSbote A7 Outdoors Video Intercom Doorbell
Operating	Android 5.1.1
CPU	ARM Cortex-A53SMP4 64-bit quad-core
Memory	LPDDR3 1GB
Storage	EMMC 8GB (standard) expandable

Color	Silver/Champagne available
Operation	Capacitive full touch screen
Dimensions	210 (height) * 120 (width) * 10mm (thickness)
Mounting size	201.5 (height) * 114.5 (width) * 36mm (thickness)
Installation mode	Install on door/wall/column
Wi-Fi to control	RFID Card/Password/Face recognition/Mobile phone remote video call opening
TUYA Function	snapshot/intercom/video record/ doorbell door unlock/record/monitoring/channel switching

Smart 7 Inch Gold/Silver Optional Indoor Monitor For Video Door Phone Doorbell Security Access Control System

Model	A7P
Screen	7 Inch Touch Screen
Application	Home, hotel, Apartment, Villa
Function	Unlock, Monitor, Intercom, Calling
Color	Silver or Black
Network	TCP/IP
System	Linux
Internet Interface	RJ45, Support POE 24V non-standard POE switch
Dimension	215*136*17 MM
Special Features	Night vision, recording, playback
Gross weight	Approximately 1kg

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Smart Video Doorbell

1080P Full HD

Video Playback

Quick Installation

Smart Villa Intercom

tuya

Tuya App

Two-way Intercom

Night Vision

Monitor

Touch Screen

Remote Unlocking

Multi-users

1.0MP

▼ Access control

Motion detection ▼
Support photo and video
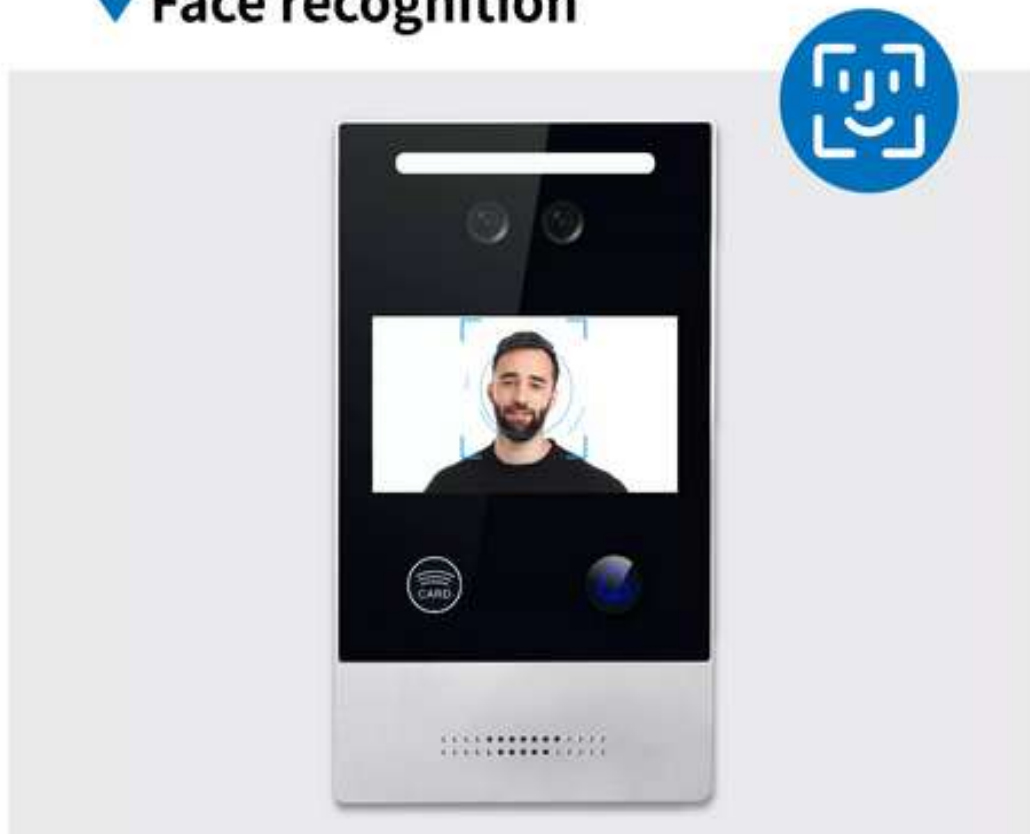
When someone passes by, you can take pictures and videos, and know everything outside the door at any time.

IC card unlock ▼
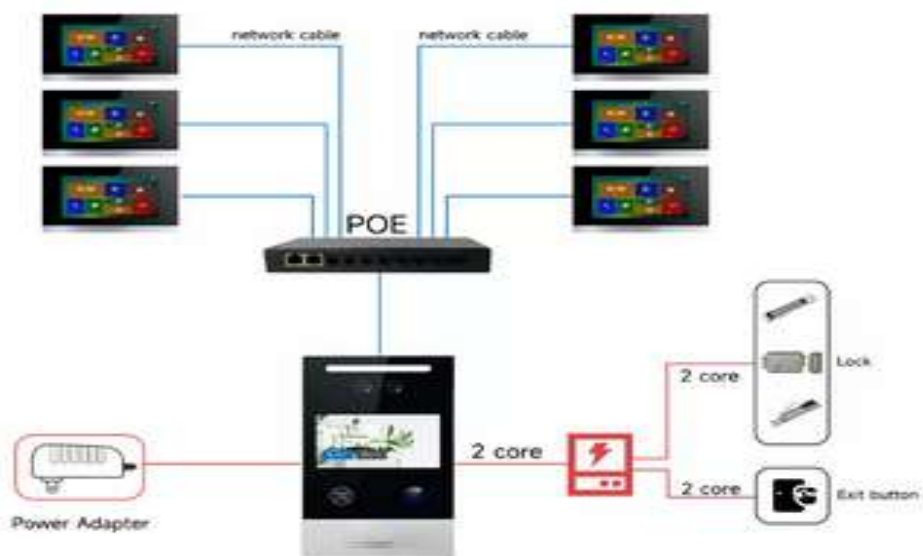

▼ Face recognition

Indoor Monitoring

Outdoor

Indoor

Multiple Ringtone

Visitor Recode

HD screen and camera ▼

HD

HD camera

Wiring Diagram

Wiring diagram

network cable   network cable

POE

Power Adapter   2 core   Lock

2 core   2 core   Exit button

iSbote A9 Latest High-End Intelligent Intercom Video Doorbell Access System
Intercom, Access Control, Video Record/playback, Face Recognition Unlock, Mobile APP, Indoors & outdoors

iSbote A9 video doorbell system is latest generation of access doorbell solution for modernized buildings, and integrate a range of advance features into its robust architecture . With high flexibility, A9 supports multiple unlock modes, including high security Face Recognition, Password, QR code, ID/IC card and optional monitor. A9 is also characteristic of powerful interaction functions and remote controllability via mobile APP.

A9 has night vision capability as well as recording/playback function for high security around public facility. With embedded Ai technologies, A9 adopts versatile hardware/chipsets to maintain highly availability in demanding environment. In addition, while requested, A9 also might record stranger's activities if he/she appears in the camera, which further improves system security in everyday life. Superiorly intelligent and convenient, A9 can accurately recognize face to unlock in most circumstances.

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Key Features
- Support face recognition, recognition speed is less than 0.5s
- Support WDR(wide dynamic range), and support face recognition under light/dark condition
- Multiple modes to access internet(TCP/IP intercom)
- Can adjust face recognition distance for short, middle, or long-distance range
- Provide proprietary and tuya Web Cloud and Mobile App
- Elevator Linkage Function for high availability
- Multiple unlocking modes: FR, QR, RFID, APP, Password
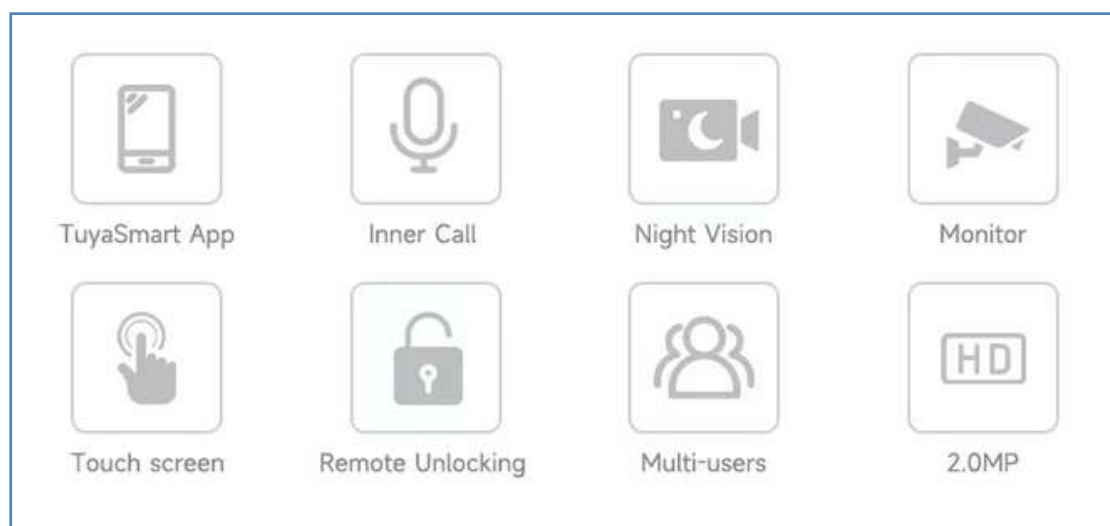- 1080P HD display in 8 inch
- Touch screen and night vision

Key Benefits
- Dynamic face recognition unlock, prevent human photo and video
- Support QR code reader to simplify access procedure and improve efficiency
- Screen lock setting for automatic face detection for greener world
- Professional access control function with effortless wiring
- Based on latest advanced Dynamic face recognition technology
- Image/Video Advertising Playback
- All-in-One: Calling, Intercom, Unlocking, Monitor
- Up-to-date Android intercom system

Core Specifications

Model	iSbote A9 Outdoors Smart Video Intercom Doorbell
Operating	Android 5.1.1
CPU	ARM Cortex-A53SMP4 64-bit quad-core
Memory	LPDDR3 1GB
Camera	2M(1080P)

Storage	EMMC 8GB (standard) expandable
Color	Silver/Champagne available
Operation	Capacitive full touch screen
Power Consumption	Static: less than 7W; Dynamic: less than 12W
Power Supply	DC18V-3A
Installation mode	Install on door/wall/column
Wi-Fi to control	RFID Card/Password/Face recognition/Mobile phone remote video call Unlock
TUYA Function	snapshot/intercom/video record/ doorbell door unlock/record/monitoring/channel switching

Smart 7 Inch Gold/Silver Optional Indoor Monitor For Video Door Phone Doorbell Security Access Control System

Model	A9P
Screen	7 Inch Touch Screen
Application	Home, hotel, Apartment, Villa
Function	Unlock, Monitor, Intercom, Calling
Color	Silver or Black
Network	TCP/IP
System	Linux
Internet Interface	RJ45, Support POE 24V non-standard POE switch
Dimension	215*136*17 MM
Special Features	Night vision, recording, playback
Gross weight	Approximately 1kg

TuyaSmart App   Inner Call   Night Vision   Monitor

Touch screen   Remote Unlocking   Multi-users   2.0MP

8 inch 720 HD display TCP/IP Intercom system

calling, intercom, unlocking, monitoring

High quality aluminium alloy frosted panel + high-end glass lens + touch screen

Digital camera,stable and clear image shooting

Night vision and bright light compensation function

Full duplex voice intercom, comparable to ordinary telephone intercom

Android system ,ARM CPU,TUYA App (support Android and IOS system)

LPDDR3 1 GB memory, standard EMMC 8 GB storage ex-pandable

RJ45 standard ethernet interface all-digital design

Low power consumption technology solution,saving energy and long life span

Dimension:331*152*10(mm)

Install method : Wall/flush install(320*143*48 mm)

Image/video advertising playback (UI display can be customized)

Door opening: IC/ID card/ password/ face recognition/ mobile phone

8 inch Video Doorphone IP Intercom System

Indoor unit and tuya app
All of them can get the video calling

Real face information

Photos or videos

OFFICE BUILDING

COMMUNITY

APARTMENT

HOTEL

Multiple ways to unlock

- Face recognition
- Tuya remote unlocking
- IC card
- Password
- Indoor unit unlocking

Monitoring function

We can monitor on screen & phone

Indoor unit calls indoor unit

clear and smooth

Multiple call interfaces can be switched

switchable

By directly press

By entering the num

Indoor Monitoring

Multiple Ringtone

Visitor Recode

Android cloud intercom

available without indoor unit

It can be used without an indoor unit, just connect to the tuya app.

HD screen and camera ▼

HD

HD camera

Wiring Diagram

Wiring diagram