

2022

Access Control & Time and Attendance Solutions

Contents

About Anviz
Leading Security Solution Provider for Commercial
Market

Face Recognition
Al Based Smart Face Recognition Terminals

Outdoor Access
Outdoor Biometric & RFID Access Control

CrossChex
Access Control & Cloud-based Time and
Attendance Software

Mobile Access
Secure & Convenient Touchless Access Control

Time and Attendance
Biometric-based Time Attendance Management



About Anviz

Providing smart solutions based on cloud and IoT technologies to SMB and enterprises clients globally.

20 Years +

Experiences

100+

Countries

200,000+

Projects

200+

Intellectual Property

BioNANO

Core Algorithm

RVITM

Video Intelligence Analysis

Cloud

Anviz Open Cloud Platform

ACPTM

Anviz Secure Control Protocol



China Office

Global R&D Center & Operation Center







Intelligent Surveillance Products and Solutions

USA Office

Sales & Operation & Customer Service Center



Manufacturing Base

50,000 Square Meters 2,000,000 Units Capacity Annually



Anviz Milestones





2018Open new production base



2016

Smart lock product line landed on north america market



2013

Start full HD product line



2007

Launched first generation access control and time attendance product

Technical Partner





























Anviz Core Technologies

Anviz values innovation, we invest most of our funds in the R&D department to stay at the top of the biometric access control, time and attendance, and surveillance industry. Anviz recruits professional developers around the world, and technical teams located in global offices to support our clients timely.

BIONANO® Patent Biometrics Algorithm





Fingerprint Algorithm

- Auto Adjust for Wet and Dry Finger
- FFD (World Best Fake Finger Detection)
- Securer Fingerprint Template Encryption
- Heal Broken Fingerprint Line



Face Algorithm

- Liveness Face Detection
- Global Face Detection Adoption
- Masked Face Detection
- Fast Forehead Positioning and Temperature Detection



Iris Algorithm

- Most Securer Comparison Way
- 1:1,000,000 Lowest False Rate
- Adopt for Complex Environment
- Two Eyes Accurate Identification

Smart Imaging

- True WDR Technilogies
- Startlight Imaging Priority
- Smart IR Technology
- Image Distrortion Correction

Al Algorithms

- Person Detection
- Vehicles Detection
- Intruder Detection
- Crossline Detection

ance Algorithm Intelligence



Smart Stream and Storage

- Auto Optimize Stream in Damic Area
- Auto Optimize Stream for ROI Area
- Three streams for Smart Usage
- Multiple Storage Options

Data Security

- End to End Data Encryption
- AWS Global Cloud Platform
- Login Verification
- AES256 & HTTPS Protection

Biometric Template Encryption

We use our own algorithm to encrypt the data into codes and we never restore any raw fingerprint, face or Iris image.

Personal Information on Card

We provide biometric information on card technologies, to restore the fingerprint, face templates on Mifare card and not restored in device, so ensure the privacy to use these biometrics information.

Personal Information on Mobile

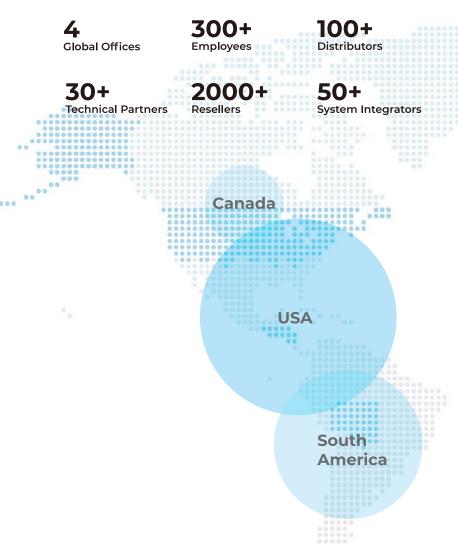
We provide biometric information on mobile technologies, to restore the fingerprint, face templates on mobile phone and not restored in device, so ensure the privacy to use these biometrics information.

End to End Data Protection

All the data communication among edge device, local server, cloud server and APP are projected and encrypted by AES256 and HTTPS protocol to ensure the overall protection to follow the GDPR regulations.

Why Anviz?

Global Sales



Project Registration Program

Anviz rewards you for specifying Anviz products in project bidding. We give our integrator partners the opportunity to strengthen their position on projects with special pricing and the full and active support of the Anviz team.



Success Stories



Mexico Government Liveness Fingerprint Access Control Project

100,000 staffs 1,000 sites



Top 20 Universities Cloud-based Time & Attendance Project

150,000 students and faculties

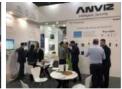


Total Security Solution for Global offices of A Corporate

50,000 staffs across more than **30** global branches

Global Events











Global Expo











Road Show









Training Webinar

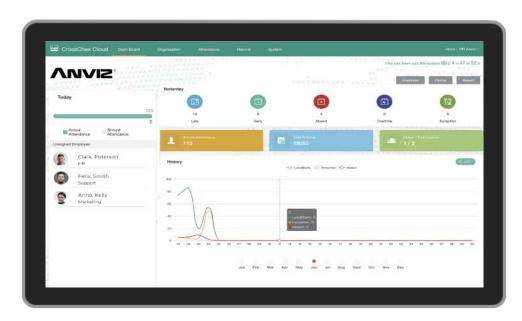




CrossChex Standard

Desktop Access Control & Time Attendance Software

CrossChex is a professional access control and time & attendance management solutions. With it's unique features and flexible and multiple system deployment structures, customer oriented concepts to satisfy SMB and enterprises clients for their time management, access control management requirements and help them improve the overall efficiency on HR and security management.



- Manage your time and attendance on cloud without any software.
- Access data anywhere, anytime, from any computer.
- Track employees from any location to see where employees clocked in and out.
- View reports of employees' attendance and health.
- Shift work times whenever you want.



High-Impact Reporting

Easily track and export employee hours in seconds which makes you feel intuitive with daily processes.



Best-in-Class Scheduling

Easily set up attendance rules, create and manage employee schedules for all your organization.



Powerful Dashboard

The handy dashboard lets you easy to track employee attendance by real-time analytics.



Super Easy Employees and **Devices Management**

Easy and quick to set up devices and add, delete, or modify employees' information.

CrossChex Cloud

Cloud-based Time & Attendance Management Solution

CrossChex Cloud is a super quick setup and easy to use system dedicated to saving your business money through employee time management works for any business.











Mobile















CrossChex Mobile

More Convenient More Secure

CrossChex Mobile is the mobile version of CrossChex Software, which lets you add and manage everyone and grant access rights to them on a smartphone. Your staff can easily clock in and access to any places with just one click on the phone. Any of Anviz access control devices with Bluetooth function can be added to CrossChex Mobile, and the time attendance device with Bluetooth function can be also added to CrossChex Mobile to have a clock in function and realize the access control function with linked to a Bluetooth micro access controller. CrossChex Mobile is suitable for the application in small offices, retail stores, gyms, clinics, etc.







For Users

- Use your phone to unlock doors.
- Employees can check in and out from the phone.
- No more lost, misplaced or shared cards.
- Check attendance record from your phone.



For Admins

- Use your phone to add and delete users/ fingers/ cards.
- Grant or revoke access to anyone with one click.
- Save cost of issuing cards and maintenance in comparison to physical cards.

Face Recognition

Today's dynamic business environment requires real-time time management and access control solution with anytime, anywhere access. Anviz's FaceDeep Series, a fully integrated contactless and thermal management face recognition solution for the people to access control of entrances or record attendance time and simultaneously check temperature and mask-wearing without having to touch a terminal or gate, requirements which are quickly finding their way into commercial offices, hospitality and retail chains, hopeful crowded sports arenas, medical facilities, and more.

A

Al Deep Learning Engine



Various Conditions



3D Live Face Detection



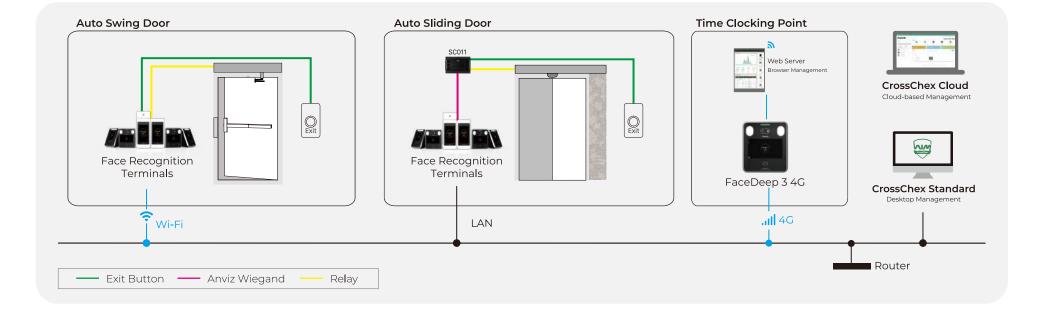
Support Cloud



Temperature Screening











FaceDeep 3 & FaceDeep 3 IRT



FacePass 7 Pro & FacePass 7 Pro IRT



FaceDeep 5 & FaceDeep 5 IRT



FaceDeep 3 QR & FaceDeep 3 IRT QR

Specification Comparison

Product	NEW	WEW NEW	and a
Product Name	W3	FacePass 7 Pro	FaceDeep 5
Face Templates Capacity	200	3,000	20,000(Standard), 50,000(Customized)
Log Capacity	50K	100K	100K
LCD	2.8" TFT	3.5" TFT Touchscreen	5.0 TFT Touchscreen
Verify Speed (1:3000)	<1.0s	<0.3s	<0.2s
Live / Fake Detection	√	√	v
Mask Detection	√	√	√
Mask Detection Identify Distance	0.3~1.0m (0.39~0.79")	0.3~1.3m (11.81~51.18")	0.3~2.0m (11.81~19.69")
Temperature Detection	-	FacePass 7 Pro IRT: Body Temperature Detection	FaceDeep 5 IRT: Body Temperature Detection
Body Temperature Detection Distance	-	30~50cm (11.81~0.79")	30~50cm (11.81~0.79")
RFID Options	FacePass 7 Pro: 125kHz EM FacePass 7 Pro IRT: 125kHz EM FacePass 7 Pro-MIF: 13.56MHz MIFARE FacePass 7 Pro IRT-MIF: 13.56MHz MIFARE		125kHz EM & 13.56MHz MIFARE
QR Code Scanning Distance	-	-	-
Batch Enrollment	-	√	v
TCP/IP	√	√	√
Wi-Fi	Optional	√	√
Wi-Fi RS485 Bluetooth	-	√	-
Bluetooth	-	-	-
USB Host	-	√	√
Internal Relay (Door Control)	√	√	√
Exit Button	√	√	√
Door Contect	√	√	√
Door Contect Wiegand Output Wiegand Input Tamper Switch	-	√	√
Wiegand Input	√	√	√
Tamper Switch	√	√	٧
Environments	Indoor	Indoor	IP65 / Outdoor
Software	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud



Access Control

Outdoor Access

M Series standalone access control devices is suitable for various outdoor environment, with its professional IP65 and IK10 design. M series is integrated with fingerprint and keypad touchable and RFID card, NFC and optional Bluetooth touchless identification ways. M series can be applied into direct and distributed door controlling, wiegand output to third party controller, and also can in integrated with turnstiles, outdoor consumer terminals, etc.



Metal Housing IK10 Vandal-proof Structure

Come with robust, vandal-resistant metal housing and sophisticated engineering, it's able to withstand a high level of impact. making it vandal-resistant.



Versatile Access Control Interfaces

M Series comes with full TCP/IP, RS-485 and Wiegand interfaces to provide higher flexibility and multiple installation options for different environments. It offers an exit button and door sensor inputs and I relay output to control peripheral devices



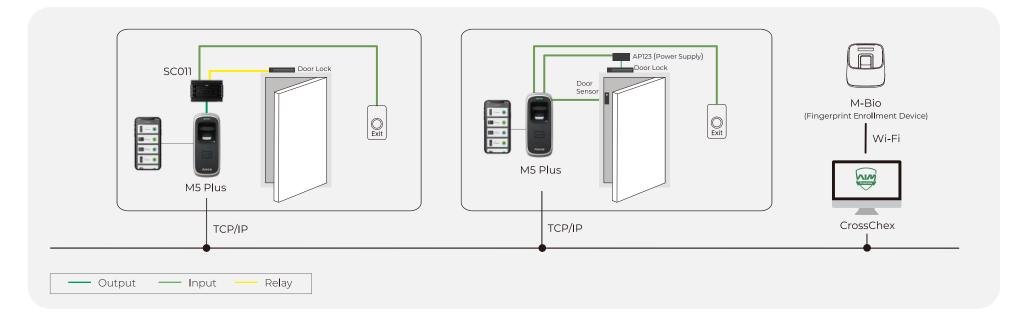
Anviz M Series is a perfect solution for outdoor applications coupled with IP65 ingress protection.



Mobile Access

Easily access any place with just one click on the phone.







Specification Comparison

	Product	1 2 2 4 5 4 7 8 0 0	Angels .
	Product Name	M3 Pro	M5 Plus
<u>'a</u>	Identification Mode	Password, Card	Finger, Card
Gener	RFID Options	125KHz EM & 13.56MHz MIFARE	125KHz EM(Standard), 13.56MHz MIFARE(Optional)
city	Max. Users	10,000	3,000
paci	Max. Cards	10,000	3,000
Ca	Max. Logs	100,000	50,000
	Group, Time Zone	16 groups, 32 time zones	16 groups, 32 time zones
Ę	Web Server	√	√
Function	Voice Prompt	Buzzer	Buzzer
Ξ	Multiple Language	-	-
	Software	CrossChex Standard	CrossChex Standard
	CPU	Linux 1.0 GHz	Linux 1.0 GHz
	Sensor	-	AFOS Touch Active Sensor
	Scanning Area	-	22mmx18mm (0.87x0.71")
	Display	-	-
are	Keypad	Touch Active	-
Hardware	Dimensions(W x H x D)	124x47x22mm (4.88x1.85x0.87")	50x124x34.5mm (1.97x4.88x1.36")
Ha	Working Temperature	-30°C~60°C (-22°F~140°F)	-30°C~60°C (-22°F~140°F)
	Humidity	20% to 90%	20% to 90%
	PoE	-	-
	Power Input	DC12V	DC12V
	Protection Class	IP65, IK10	IP65, IK10
	TCP/IP	√	V
	RS485	√	V
0/1	Wi-Fi	√	V
	Bluetooth	V	√
	Relay	V	√
	1/0	Door Contact/ Exit Button	Door Contact/ Exit Button
	Tamper Alarm	√	√
	Anti-pass Back	-	√
	Wiegand	Output	Output

16.00	* NEW
M7	M8
Finger, Password, Card	Face, Password, Card
125KHz EM & 13.56MHz MIFARE	125KHz EM(Standard), 13.56MHz MIFARE(Optional)
3,000	1,000
3,000	1,000
50,000	100,000
16 groups, 32 time zones	16 groups, 32 time zones
-	√
Buzzer	Voice
V	√
CrossChex Standard	CrossChex Standard & CrossChex Cloud
32-bit Processor	Linux 1.0 GHz
AFOS Touch Active Sensor	Camera
22mmx18mm (0.87x0.71")	-
1.28 OLED Screen	4.3" TFT
Physical Button	Touch Active
58x166x32mm (2.28x6.54x1.26")	124x47x22mm (4.88x1.85x0.87")
-30°C~60°C (-22°F~140°F)	-10°C~60°C (14°F~140°F)
20% to 90%	20% to 90%
IEEE802.3af/at	IEEE802.3af/at
DC12V	DC12V
IP65, IK10	IP65
√	√
V	V
-	√
-	Optional
√	√
Door Contact/ Exit Button	Door Contact/ Exit Button
√	√
-	-
Output	Output

Access Control

C2 Series

Versatile Standalone Access & Time Attendance Control Terminal



Multi-Smartcard Reader

Support 125kHz or 13.56MHz RFID including MIFARE, MIFARE Plus, DESFire, FeliCa, LEGIC, EM, and NFC.



Communicates with Smartphones

With Anviz Control Protocol (ACP). Any data exchange between the terminal and the smartphone is heavily encrypted and eliminating the possibility of data hacking.



Mullion-type Design

C2 Series mounts easily with a small access control terminal that can easily be installed on a door frame.



C2 Series is designed to be used indoor and outdoor applications coupled with IP65 ingress protection.



PoE Easy Installation

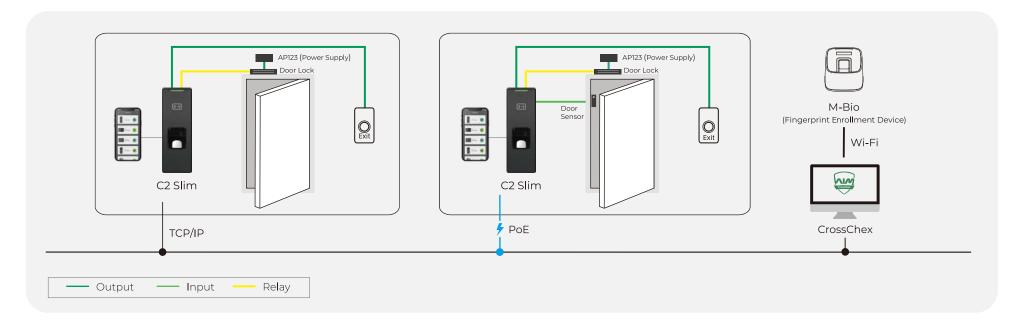
Support power sourcing over Ethernet cable compliance to IEEE802.3af standard, to provide users with lower installation cost, simpler cabling, and lower maintenance cost.



Development Tools

We provide value-added integrations with Anviz new V2.0 SDK and API and offer support services to technology partners with full TCP/IP communication mode and the new C language is compiled into a dynamic library, which is compatible with various operations.

















Specification Comparison

	Product		NEW
	Product Name	C2 SR	C2 KA
<u></u>	Identification Mode	Card	Card, Password
Genel	RFID Options	125kHz EM & 13.56MHz MIFARE	125kHz EM & 13.56MHz MIFARE
£	Max. Users	-	10,000
paci	Max. Cards	-	10,000
Ca	Max. Logs	-	100,000
	Time Attendance Mode	-	-
	Group, Time Zone	-	16 groups, 32 time zones
	Work Code	-	-
_	Short Message	-	-
Function	WebServer	-	√
un.	Record Auto Inquiry	-	-
"	Daylight Saving	-	V
	Voice Prompt	-	Voice
	Multiple Language	-	-
	Software	-	CrossChex Standard
	CPU	32-bit Processor	Linux 1.0 GHz
	Sensor	-	-
	Scanning Area	-	-
	Display	-	-
are	Keypad	-	Physical Button
Hardware	Dimensions(W x H x D)	50x159x25mm (1.97x6.26x0.98")	50x159x25mm (1.97x6.26x0.98")
Har	Working Temperature	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)
	Humidity	20% to 80%	20% to 90%
	PoE	-	IEEE802.3af/at
	Power Input	DC12V	DC12V
	IP Grade	IP65	IP65
	TCP/IP	-	√
	RS232	-	-
	RS485	√	V
	USB Host	-	-
<u> </u>	Wi-Fi	-	√
<u> </u>	Bluetooth	-	√
	Relay	-	√
	1/0	-	Door Contact/ Exit Button
	Tamper Alarm	-	√
	Wiegand	Output	IN & OUT

C2 Slim	C2 Pro
Finger, Card	Finger, Password, Card
125kHz EM & 13.56MHz MIFARE Card HID iCalss(Optional)	125kHz EM & 13.56MHz MIFARE Card HID iCalss(Optional)
3,000	10,000
3,000	10,000
50,000	100,000
-	8
16 groups, 32 time zones	16 groups, 32 time zones
-	8 digits
-	50
V	√
-	V
√	√
Voice	Voice
-	V
CrossChex Standard	CrossChex Standard & CrossChex Cloud
Linux 1.0 GHz	Dual Core 1.0 GHz
AFOS Touch Active Sensor	AFOS Touch Active Sensor
22mmx18mm (0.87x0.71")	22mmx18mm (0.87x0.71")
-	3.5" TFT
-	Physical Button
50x159x25mm (1.97x6.26x0.98")	140x190x32mm (5.51x7.48x1.26")
-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)
20% to 90%	0% to 90%
IEEE802.3af/at	IEEE802.3af/at
DC12V	DC12V
IP65	-
√	√
-	√
√	√
-	√
√	√
√	-
√	√
Door Contact/ Exit Button	-
V IN & OUT	- Output

Time and Attendance

Anviz time and attendance solution provide a simple way to track and manage employee attendance, dedicated to saving your business money through employee time management, reducing administrative costs of time and attendance data collection and processing, thereby increasing overall productivity and profitability.



Biometric-based time and attendance management (Facial, fingerprint scanner, RFID and PIN) offer versatile punching options, provides accurate employee data that eliminates buddy punching and time theft, while also saving you money.



Flexible, scalable, and customizable schedule management to suit any business, no matter what size.



High-impact and personalized . . . which makes you feel intuitive with daily High-impact and personalized reporting processes.



Time and attendance cloud support provide hassle-free workforce management, easily track and manage employee attendance from anywhere, anytime.



















M-Bio





A350 W1 Pro



W2 Pro

W3 AC

VF30 Pro AC

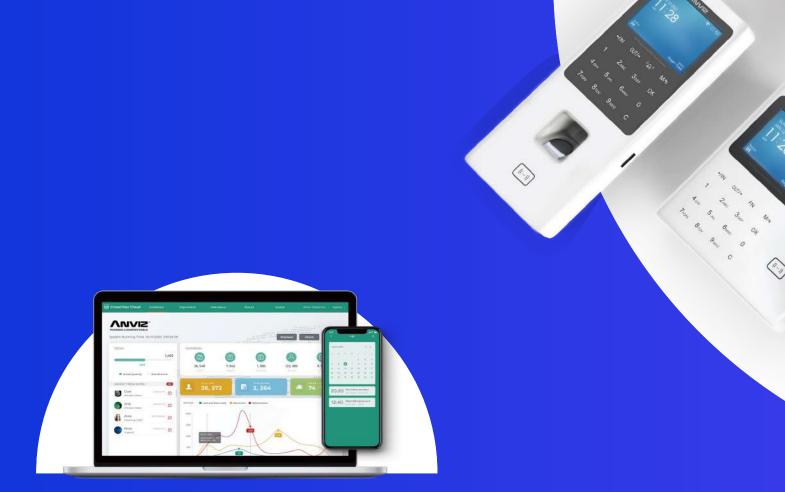
EP30 AC

EP300 Pro

Specification Comparison

Product Prod					
		Product			NEW NEW NEW
Page	İ	Product Name WI Pro		W2 Pro	W3
Max. Cards	<u></u>	Identification Mode	Finger, Password, Card	Finger, Password, Card	Face, Password, Card
Max. Cards	Gener	RFID Options			125kHz EM(Standard)
Max. Logs	Ę	Max. Users	3,000	3,000	200
Time Attendance Mode	paci	Max. Cards	3,000	3,000	200
	ပီ	Max. Logs	100,000	100,000	50,000
Work Code		Time Attendance Mode	8	8	8
WebServer		Group, Time Zone	-	16 groups, 32 time zones	-
Record Auto Inquiry		Work Code	6 digits	6 digits	-
Voice Prompt Voice Voice	r c	WebServer	√	√	√
Voice Prompt Voice Voice Voice Voice Voice	nctio	Record Auto Inquiry	√	√	√
Multiple Language	T T	Daylight Saving	√	√	√
Software		Voice Prompt	Voice	Voice	Voice
Sensor		Multiple Language	√	√	√
Display 28*TFT LCD 20*TOUCh Active Touch		Software	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud
Note		Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor	Dual Cameras
Dimensions(W x H x D) 130x140x30mm (S11x5.51x118") 204x80x30mm (8.03x3.15x118") 105x72x46mm (4.13x2.83x1.81")		Display	2.8' TFT LCD	2.8' TFT LCD	2.8' TFT LCD
Humidity	40	Keypad	Touch Active	Touch Active	Touch Active
Humidity	vare	Dimensions(W x H x D)	130x140x30mm (5.11x5.51x1.18")	204x80x30mm (8.03x3.15x1.18")	105x72x46mm (4.13x2.83x1.81")
Humidity	ard	Working Temperature	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)
Battery	ΞĪ	Humidity	20% to 90%	20% to 90%	20% to 90%
TCP/IP		Power Input	DC5V	DC12V	DC12V
RS485		Battery	Optional	Optional	-
VSB Host V		TCP/IP	V	√	√
Wi-Fi		RS485	-	√	-
Bluetooth		USB Host	√	√	√
\$\begin{array}{c c c c c c c c c c c c c c c c c c c		Wi-Fi	Optional	Optional	Optional
Relay - √ √ I/O - Door Contact/ Exit Button /Bell Door Contact/ Exit Button /Bell Tamper Alarm - √ - Anti-pass back - √ -		Bluetooth	-	-	-
I/O - Door Contact/ Exit Button /Bell Door Contact/ Exit Button /Bell Tamper Alarm - √ - Anti-pass back - √ - Wiggand - IN SOUTE	2	4G	-	-	-
Tamper Alarm - √ - Anti-pass back - √ - Wiggand - IN ° OUT -		Relay	-	√	√
Anti-pass back - Wingand		I/O	-	Door Contact/ Exit Button /Bell	Door Contact/ Exit Button /Bell
Wiggand		Tamper Alarm	-	√	-
Wiegand - IN & OUT _		Anti-pass back	-	√	-
		Wiegand	-	IN & OUT	-

1) 28				
A350	EP300 Pro	EP30	VF30 Pro	M-Bio
Finger, Password, Card	Finger, Password, Card	Finger, Password, Card	Finger, Password, Card	Finger, Card
125kHz EM(Standard), 13.56MHz MIFARE(Optional)	125kHz EM(Optional)	125kHz EM(Optional), 13.56MHz MIFARE(Optional)	125kHz EM(Standard), 13.56MHz MIFARE(Optional)	125kHz EM & 13.56MHz MIFARE
3,000	3,000	3,000	3,000	3,000
3,000	3,000	3,000	3,000	3,000
100,000	100,000	100,000	100,000	100,000
8	8	8	8	-
-	-	16 groups, 32 time zones	16 groups, 32 time zones	-
6 digits	6 digits	6 digits	6 digits	-
√	√	√	√	√
√	√	√	√	-
√	√	√	√	-
Voice	Voice	Voice	Voice	Voice
√	√	√	√	-
CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud
AFOS Touch Active Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor
2.8' TFT LCD	3.5' TFT LCD	3.5' TFT LCD	2.4' TFT LCD	1.18' OLED
Touch Active	Physical Button	Physical Button	Physical Button	-
204x139x38mm (5.11x5.51x1.18")	185x130x35mm (7.28x5.12x1.38")	165x76x35mm (6.50x2.99x1.38")	80x180x40mm (3.15x7.09x1.57")	60x60x50mm (2.36x2.36x1.97")
-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)
10% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%
DC5V	DC5V	DC12V	DC12V & PoE IEEE802.3af/at	USB
Optional	Optional	-	-	√
√	√	√	√	-
-	-	√	√	-
√	√	-	-	-
Optional	Optional	Optional	Optional	Standard
Optional	Optional	-	-	Standard
Optional	-	-	-	-
√	-	√	√	-
-	-	Door Contact/ Exit Button	Door Contact/ Exit Button /Bell	-
-	-	√	√	-
-	-	√	√	-
_	-	Output	IN & OUT	-



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