ANVIZ®

2022

Access Control & Time and Attendance Solutions

Distributed by:

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Leading Security Solution Provider for Commercial Market

Face Recognition
AI 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

RVI™
Video Intelligence Analysis

Cloud
Anviz Open Cloud Platform

ACP™
Anviz Secure Control Protocol

Access Control & Time and Attendance Solutions

Intelligent Surveillance Products and Solutions

China Office

Global R&D Center & Operation Center

USA Office

Sales & Operation & Customer Service Center

Manufacturing Base

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

Anviz Milestones

2005
Anviz Global established

2007
Launched first generation access control and time attendance product

2011
AGPP global partnership program launched

2013
Start full HD product line

2015
U-TEC business unit established

2016
Smart lock product line landed on north america market

2017
Successful on commercial market

2018
Open new production base

2019
Secu365 business unit established

2020
AI facial recognition

Technical Partner

aws
intel
ObjectVideo
milestone
axxon
NUUO
aimetis
NXP
ASSA ABLOY
SAMSUNG
HID
SONY
IntelliVision
tyco

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

RVI Patent Surveillance Algorithm Realtime Video Intelligence

Smart Imaging

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

Smart Stream and Storage

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

AI Algorithms

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

Data Security

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

Data Privacy & Security

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 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.

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.

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

4
Global Offices

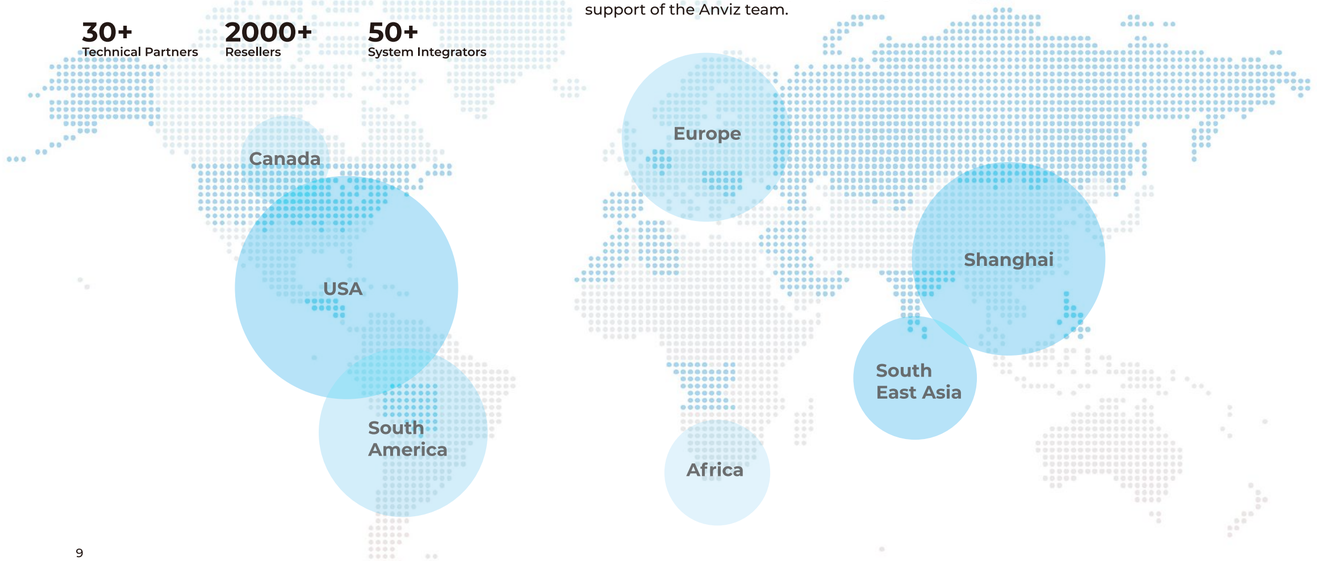
300+
Employees

100+
Distributors

30+
Technical Partners

2000+
Resellers

50+
System Integrators



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

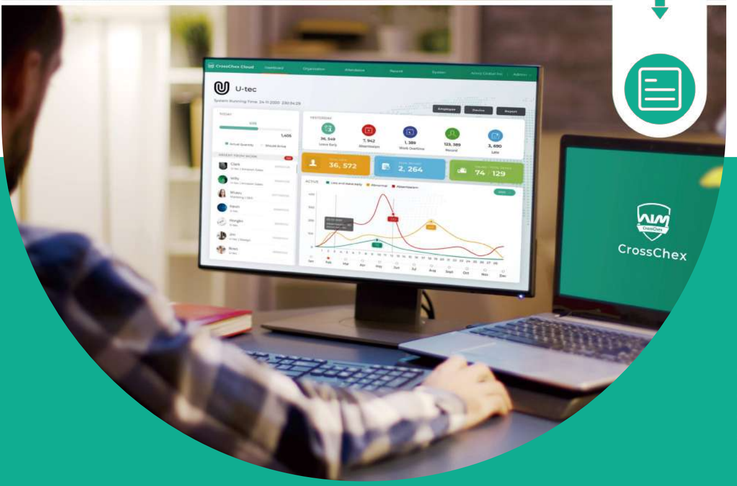
50,000 staffs across more than **30** global branches

Global Events

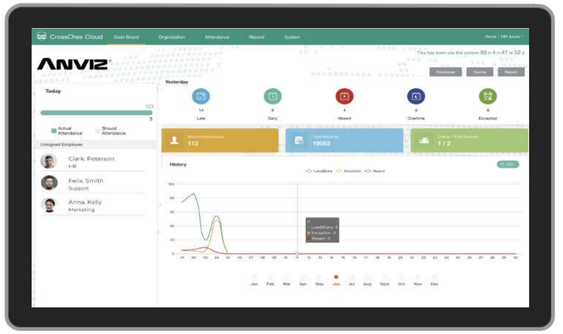
Global Expo

Road Show

Training Webinar



CrossChex



- 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.

Powerful Dashboard

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

Best-in-Class Scheduling

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

Super Easy Employees and Devices Management

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

CrossChex Standard

Desktop Access Control & Time Attendance Software

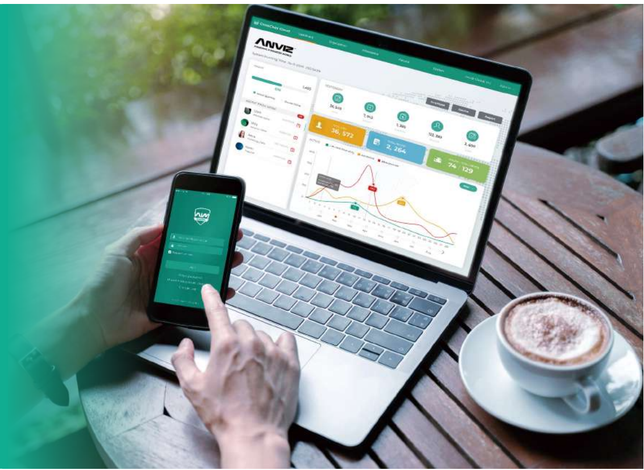
CrossChex is a professional access control and time & attendance management solutions. With it's unique features and flexible and multiple system deployment structures, customer oriented concepts to satisfy SMB and enterprises clients for their time management, access control management requirements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

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.

Scheduling | Dashboard | Reporting | Management | Mobile



CrossChex

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.

GET IT ON Google Play

Download on the App Store

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.

AI
AI Deep Learning Engine

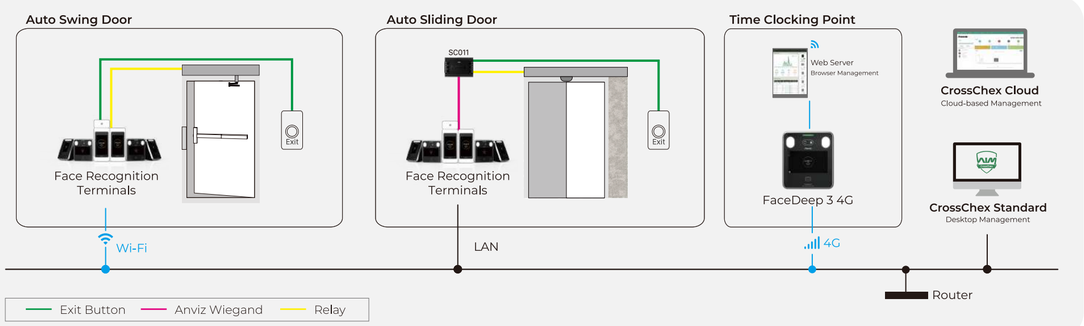
Various Conditions

3D Live Face Detection

Support Cloud

Temperature Screening

Mounts



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	NEW	
	Product Name	W3	FacePass 7 Pro	FaceDeep 5
Hardware Function	**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	√	√	√
	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	125kHz EM	**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	–	√	√
Communication	**TCP/IP**	√	√	√
	Wi-Fi	Optional	√	√
	RS485	–	√	–
	Bluetooth	–	–	–
	USB Host	–	√	√
Access Control Interface	**Internal Relay (Door Control)**	√	√	√
	Exit Button	√	√	√
	Door Contect	√	√	√
	Wiegand Output	–	√	√
	Wiegand Input	√	√	√
	Tamper Switch	√	√	√
	Environments	Indoor	Indoor	IP65 / Outdoor
	Software	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud

			NEW
FaceDeep 3	FaceDeep 3 Pro	FaceDeep 3 4G	FaceDeep 3 QR
6,000	6,000(Standard), 10,000(Customized)	6,000(Standard), 10,000(Customized)	6,000
100K	100K	100K	100K
5.0 TFT Touchscreen	5.0 TFT Touchscreen	5.0 TFT Touchscreen	5.0 TFT Touchscreen
<0.3s	<0.3s	<0.3s	<0.3s
√	√	√	√
√	√	√	√
0.3~1.5m (11.81~59.06")	0.3~1.5m (11.81~59.06")	0.3~1.5m (11.81~59.06")	0.3~1.5m (11.81~59.06")
FaceDeep 3 IRT: Body Temperature Detection	**FaceDeep 3 Pro IRT:** Body Temperature Detection	**FaceDeep 3 4G IRT:** Body Temperature Detection	**FaceDeep 3 IRT QR:** Body Temperature Detection
1~2cm (0.39~0.79")	1~2cm (0.39~0.79")	1~2cm (0.39~0.79")	1~2cm (0.39~0.79")
125kHz EM	13.56MHz MIFARE	13.56MHz MIFARE	–
–	–	–	3~10cm (1.18~3.94")
√	√	√	√
√	√	√	√
√	√	√	√
√	√	√	√
–	√	√	–
√	√	√	√
√	√	√	√
√	√	√	√
√	√	√	√
√	√	√	√
–	√	√	–
√	√	√	√
Indoor	Indoor	Indoor	Indoor
CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud

*Power Input: DC12V

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.

IP65 Dust & Water Proof

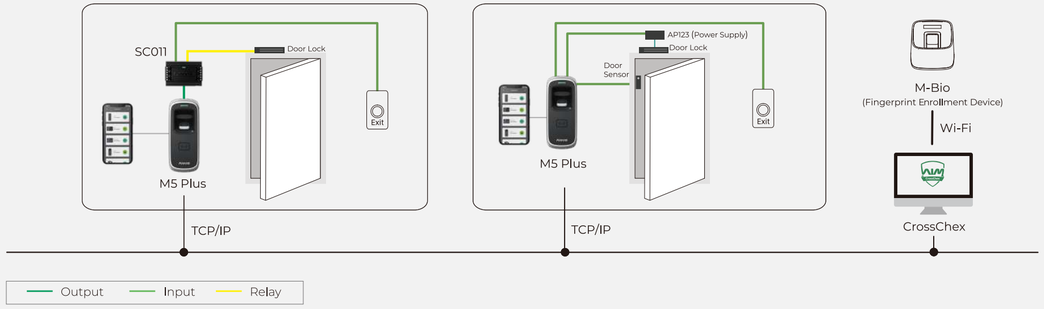
Anviz M Series is a perfect solution for outdoor applications coupled with IP65 ingress protection.

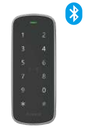
Versatile Access Control Interfaces

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 1 relay output to control peripheral devices

Mobile Access

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





M3 Pro

M5 Plus

M7

M8

Specification Comparison

	Product				* NEW
	Product Name	M3 Pro	M5 Plus	M7	M8
General	Identification Mode	Password, Card	Finger, Card	Finger, Password, Card	Face, Password, Card
	RFID Options	125KHz EM & 13.56MHz MIFARE	125KHz EM(Standard), 13.56MHz MIFARE(Optional)	125KHz EM & 13.56MHz MIFARE	125KHz EM(Standard), 13.56MHz MIFARE(Optional)
Capacity	Max. Users	10,000	3,000	3,000	1,000
	Max. Cards	10,000	3,000	3,000	1,000
	Max. Logs	100,000	50,000	50,000	100,000
Function	Group, Time Zone	16 groups, 32 time zones	16 groups, 32 time zones	16 groups, 32 time zones	16 groups, 32 time zones
	Web Server	√	√	-	√
	Voice Prompt	Buzzer	Buzzer	Buzzer	Voice
	Multiple Language	-	-	√	√
	Software	CrossChex Standard	CrossChex Standard	CrossChex Standard	CrossChex Standard & CrossChex Cloud
Hardware	CPU	Linux 1.0 GHz	Linux 1.0 GHz	32-bit Processor	Linux 1.0 GHz
	Sensor	-	AFOS Touch Active Sensor	AFOS Touch Active Sensor	Camera
	Scanning Area	-	22mmx18mm (0.87x0.71")	22mmx18mm (0.87x0.71")	-
	Display	-	-	1.28 OLED Screen	4.3" TFT
	Keypad	Touch Active	-	Physical Button	Touch Active
	Dimensions(W x H x D)	124x47x22mm (4.88x1.85x0.87")	50x124x34.5mm (1.97x4.88x1.36")	58x166x32mm (2.28x6.54x1.26")	124x47x22mm (4.88x1.85x0.87")
	Working Temperature	-30°C~60°C (-22°F~140°F)	-30°C~60°C (-22°F~140°F)	-30°C~60°C (-22°F~140°F)	-10°C~60°C (14°F~140°F)
	Humidity	20% to 90%	20% to 90%	20% to 90%	20% to 90%
	PoE	-	-	IEEE802.3af/at	IEEE802.3af/at
	Power Input	DC12V	DC12V	DC12V	DC12V
	Protection Class	IP65, IK10	IP65, IK10	IP65, IK10	IP65
I/O	TCP/IP	√	√	√	√
	RS485	√	√	√	√
	Wi-Fi	√	√	-	√
	Bluetooth	√	√	-	Optional
	Relay	√	√	√	√
	I/O	Door Contact/ Exit Button	Door Contact/ Exit Button	Door Contact/ Exit Button	Door Contact/ Exit Button
	Tamper Alarm	√	√	√	√
	Anti-pass Back	-	√	-	-
	Wiegand	Output	Output	Output	Output

*M8 Intercom version is scheduled to be released in the second half of 2022.

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.

IP65 Dust & Water Proof

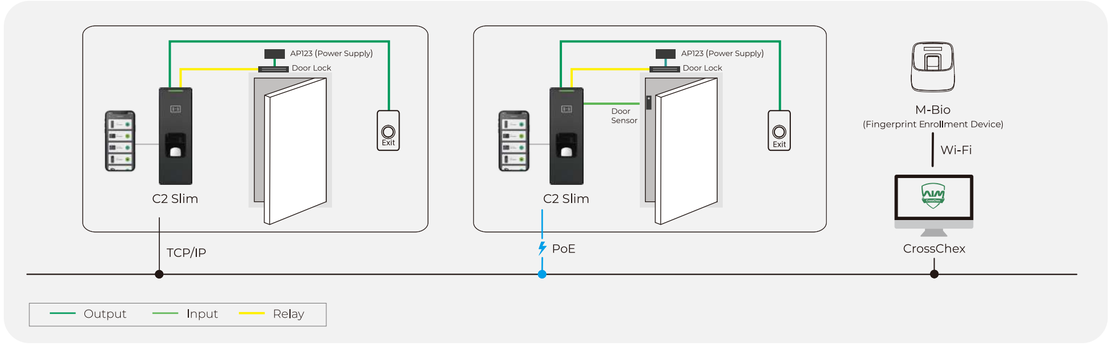
C2 Series is designed to be used indoor and outdoor applications coupled with IP65 ingress protection.

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.



C2 SR

C2 KA

C2 Slim

C2 Pro

TA

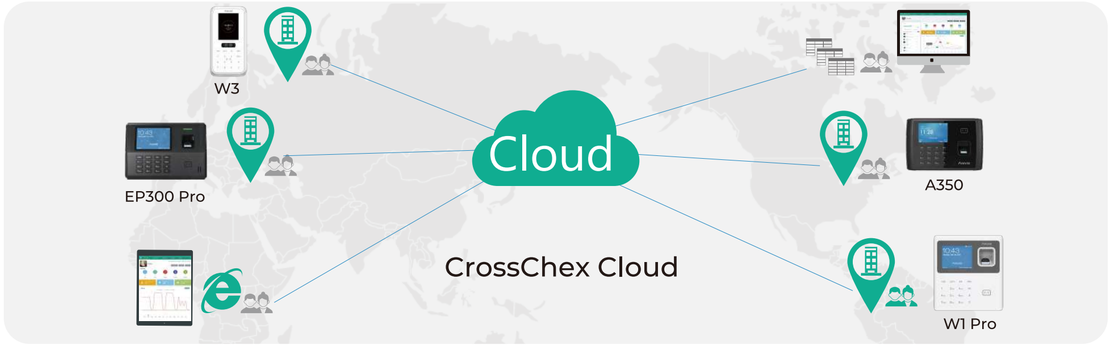
Specification Comparison

	Product		NEW		
	Product Name	C2 SR	C2 KA	C2 Slim	C2 Pro
General	**Identification Mode**	Card	Card, Password	Finger, Card	Finger,Password, Card
General	**RFID Options**	125kHz EM & 13.56MHz MIFARE	125kHz EM & 13.56MHz MIFARE	125kHz EM & 13.56MHz MIFARE Card HID iCalss(Optional)	125kHz EM & 13.56MHz MIFARE Card HID iCalss(Optional)
Capacity	**Max. Users**	–	10,000	3,000	10,000
Capacity	**Max. Cards**	–	10,000	3,000	10,000
Capacity	**Max. Logs**	–	100,000	50,000	100,000
Function	**Time Attendance Mode**	–	–	–	8
Function	**Group, Time Zone**	–	16 groups, 32 time zones	16 groups, 32 time zones	16 groups, 32 time zones
Function	**Work Code**	–	–	–	8 digits
Function	**Short Message**	–	–	–	50
Function	**WebServer**	–	√	√	√
Function	**Record Auto Inquiry**	–	–	–	√
Function	**Daylight Saving**	–	√	√	√
Function	**Voice Prompt**	–	Voice	Voice	Voice
Function	**Multiple Language**	–	–	–	√
Function	**Software**	–	CrossChex Standard	CrossChex Standard	CrossChex Standard & CrossChex Cloud
Hardware	**CPU**	32-bit Processor	Linux 1.0 GHz	Linux 1.0 GHz	Dual Core 1.0 GHz
Hardware	**Sensor**	–	–	AFOS Touch Active Sensor	AFOS Touch Active Sensor
Hardware	**Scanning Area**	–	–	22mmx18mm (0.87x0.71")	22mmx18mm (0.87x0.71")
Hardware	**Display**	–	–	–	3.5" TFT
Hardware	**Keypad**	–	Physical Button	–	Physical Button
Hardware	**Dimensions(W x H x D)**	50x159x25mm (1.97x6.26x0.98")	50x159x25mm (1.97x6.26x0.98")	50x159x25mm (1.97x6.26x0.98")	140x190x32mm (5.51x7.48x1.26")
Hardware	**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)	-10°C~60°C (14°F~140°F)
Hardware	**Humidity**	20% to 80%	20% to 90%	20% to 90%	0% to 90%
Hardware	**PoE**	–	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at
Hardware	**Power Input**	DC12V	DC12V	DC12V	DC12V
Hardware	**IP Grade**	IP65	IP65	IP65	–
I/O	**TCP/IP**	–	√	√	√
I/O	**RS232**	–	–	–	√
I/O	**RS485**	√	√	√	√
I/O	**USB Host**	–	–	–	√
I/O	**Wi-Fi**	–	√	√	√
I/O	**Bluetooth**	–	√	√	–
I/O	**Relay**	–	√	√	√
I/O	**I/O**	–	Door Contact/ Exit Button	Door Contact/ Exit Button	–
I/O	**Tamper Alarm**	–	√	√	–
I/O	**Wiegand**	Output	IN & OUT	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 reporting which makes you feel intuitive with daily processes.
- Time and attendance cloud support provide hassle-free workforce management, easily track and manage employee attendance from anywhere, anytime.



Specification Comparison

	Product			NEW					
	Product Name	W1 Pro	W2 Pro	W3	A350	EP300 Pro	EP30	VF30 Pro	M-Bio
General	**Identification Mode**	Finger, Password, Card	Finger, Password, Card	Face, Password, Card	Finger, Password, Card	Finger, Password, Card	Finger, Password, Card	Finger, Password, Card	Finger, Card
	RFID Options	125kHz EM(Standard), 13.56MHz MIFARE(Optional)	125kHz EM(Standard), 13.56MHz MIFARE(Optional)	125kHz EM(Standard)	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
Capacity	**Max. Users**	3,000	3,000	200	3,000	3,000	3,000	3,000	3,000
	Max. Cards	3,000	3,000	200	3,000	3,000	3,000	3,000	3,000
	Max. Logs	100,000	100,000	50,000	100,000	100,000	100,000	100,000	100,000
Function	**Time Attendance Mode**	8	8	8	8	8	8	8	–
	Group, Time Zone	–	16 groups, 32 time zones	–	–	–	16 groups, 32 time zones	16 groups, 32 time zones	–
	Work Code	6 digits	6 digits	–	6 digits	6 digits	6 digits	6 digits	–
	WebServer	√	√	√	√	√	√	√	√
	Record Auto Inquiry	√	√	√	√	√	√	√	–
	Daylight Saving	√	√	√	√	√	√	√	–
	Voice Prompt	Voice	Voice	Voice	Voice	Voice	Voice	Voice	Voice
	Multiple Language	√	√	√	√	√	√	√	–
	Software	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud	CrossChex Standard & CrossChex Cloud
Hardware	**Sensor**	AFOS Touch Active Sensor	AFOS Touch Active Sensor	Dual Cameras	AFOS Touch Active Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor	AFOS Touch Active Sensor
	Display	2.8' TFT LCD	2.8' TFT LCD	2.8' TFT LCD	2.8' TFT LCD	3.5' TFT LCD	3.5' TFT LCD	2.4' TFT LCD	1.18' OLED
	Keypad	Touch Active	Touch Active	Touch Active	Touch Active	Physical Button	Physical Button	Physical Button	–
	Dimensions(W x H x D)	130x140x30mm (5.11x5.51x1.18")	204x80x30mm (8.03x3.15x1.18")	105x72x46mm (4.13x2.83x1.81")	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")
	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)	-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)
	Humidity	20% to 90%	20% to 90%	20% to 90%	10% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%
	Power Input	DC5V	DC12V	DC12V	DC5V	DC5V	DC12V	DC12V & PoE IEEE802.3af/at	USB
	Battery	Optional	Optional	–	Optional	Optional	–	–	√
I/O	**TCP/IP**	√	√	√	√	√	√	√	–
	RS485	–	√	–	–	–	√	√	–
	USB Host	√	√	√	√	√	–	–	–
	Wi-Fi	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Standard
	Bluetooth	–	–	–	Optional	Optional	–	–	Standard
	4G	–	–	–	Optional	–	–	–	–
	Relay	–	√	√	√	–	√	√	–
	I/O	–	Door Contact/ Exit Button /Bell	Door Contact/ Exit Button /Bell	–	–	Door Contact/ Exit Button	Door Contact/ Exit Button /Bell	–
	Tamper Alarm	–	√	–	–	–	√	√	–
	Anti-pass back	–	√	–	–	–	√	√	–
	Wiegand	–	IN & OUT	–	–	–	Output	IN & OUT	–