Identification

Cloud

Asset Management

Surveillance

Access Control

T&A System

Smart Home

Hotel

Justice

Energy

Financial

Medical

Retail

Public Transmutation

ANVIZ®

Product Catalogue and Solutions

Biometric

Surveillance

RFID

Intelligent Security

BIOMETRIC

RFID

SURVEILLANCE
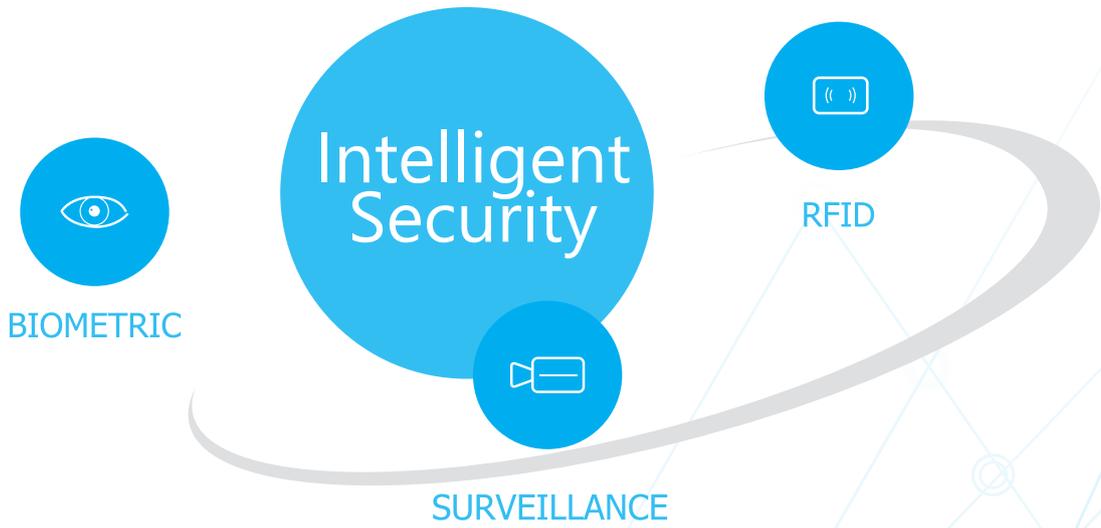
16 Years **R&D**
Self-owned technologies

Over **30,000** sqm
Professional manufacturing base

Global Offices

Founded in 2001, Anviz is a global leader in the field of intelligent security including Biometric and RFID. Cutting edge technologies, sophisticate QA system (ISO certified) and worry-free services & support provide our partners with the key of business success. Anviz dedicates to offer professional and comprehensive security solutions. With the continuously growing demand of public and private security, Anviz announced the surveillance product line which was created based on the innovations of our optical and digital image processing technology. Combining the high-quality products and cost-effective security solutions, Anviz serves various clients from government, law, retail, industrial, commercial, financial, medical, education.

Shanghai Office (Headquarter)

US office

Argentina office

South Africa office

Yancheng manufacturing center

Mission

Provide global clients with high quality products and services, as well as to make an outstanding contribution to mankind.

Vision

Grow into the world's leading company and create value for clients, employees, shareholders and society.

AGPP | Anviz Global Partner Program

ANVIZ **AAD** Anviz Authorized Distributor	ANVIZ **AAOS** Anviz Authorized Operation Service	ANVIZ **AAR** Anviz Authorized Reseller	ANVIZ **AASI** Anviz Authorized System Integrator	ANVIZ **AASP** Anviz Authorized Solution Provider	ANVIZ **AASC** Anviz Authorized Service Center

Partner

Contents

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Surveillance

RFID

ANVIZ
Intelligent . Security

Product Overview

Management Software

CrossChex
Time Attendance and Access Control Management System

Desktop	Professional	Cloud

Biometric

C2	C3	C2 Pro	EP300

M3/M5	W2	P7	VF30/VP30	T60

Surveillance

EasyView	HiView	JustView	SuperView

RFID

Tag			
Wearable RFID label	125KHz active antenna	2.4G Communication Station	Anti-theft Tag

CE FC RoHS COMPLIANT

IntelliSight	SecurityONE
Intelligent Surveillance Solution System	Intelligent Security System

A300	W1	D200	TC530	FacePass Pro

OA1000 Series		TC500/ OC500	L100K	S1000/S2000	T5 Pro
OA1000 Pro | OA1000 Mecury Pro | OA1000 URU Pro					

OpenView	TopView	ShotView	EverStore	MiniStore	TurboStore

Tag			Handheld Reader	Fix reader
On-metal and High-temperature Tag	Pharmaceutical Grade Wristband Tag	Asset Tag		

SecurityONE
Intelligent Security System

KRIS HNA

🛡 **High Security**

Entrance and Exit
Perimeter
Gate
Office

⚙ **Convenience**

Cloud Deployment
Map Operation
Client
Alarm Push

$↓ **Low Cost**

Low Hardware Cost
Low Software Cost
Low Maintenance Cost
Reduce Security Guard

💡 **Energy Efficiency**

People Awareness
Temperature Control
Light Control
Switch

SecurityONE
Intelligent Security System

What is SecurityONE?

SecurityONE is an integration solution designed for small to medium-sized enterprises, including access control, video surveillance and alarm integration. It applies to IT, manufacturing, retail, finance, government, education and health care, to name a few. SecurityONE focuses on solving all kinds of security problems within and surrounding the building, to enhance the ability to monitor and prevent crime, and ensure a safe environment for enterprise property and employees. Different from the traditional way of managing access, SecurityONE access control system can intelligently recognize entrance, exit, force open and other kinds of states. SecurityONE can link with video to extract scene images, intelligent analysis, cloud upload, to realize the data analysis of tracking path, access recording and other data analysis. SecurityONE video surveillance supports intelligent recognition, intelligent event analysis, and video upload of event screenshots to the cloud, remote surveillance by a remote client and emergency alarm linkage. The Cloud Storage can meet your needs anytime, anywhere. SecurityONE will continue to be committed to provide you with a one-stop service to open the door to the new world of security.
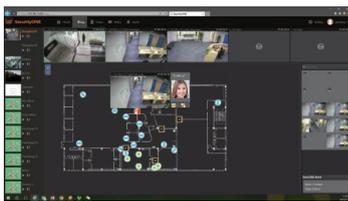
Why SecurityONE

High Security
Intelligent license plate recognition and video linkage at the entrance and exit and intelligent video surveillance in the scope of the building perimeter ensure alarm linkage. Visitor intelligent management, visitor Identity Recognition and recording ensure to link with the gate. Predefined linkage to office and arrange security according to time.

Convenience
With the highly intuitive software interface, map site selection operation, click and view, SecurityONE can greatly reduce the complexity of equipment searching. With event rating of the client and emergency warning popup, With distributed cloud deployment, the system can be extended to multiple branch office due to simple equipment installation. The cloud can monitor device status, and pass back the scene images, easy to maintain. It supports Web/IOS/Android.

Low Cost
Free from server, machine room, maintenance in the preliminary stage, and extension of the system can be seamless increase in scale in the later stage to avoid loss in investment. Server software can exempt from authorization by windows and no dongles, which further lower the investment and the difficulty of implementation. Client based on Web browser integrates with subsystem like access control, video, alarm, energy consumption which reduces the difficulty in maintenance and the human resources effort.

Energy efficiency
By using intelligent video that recognizes the population density in the area or wireless sensor to identify the number of persons in the building, SecurityONE can Intelligently judge the environment demand for light, air condition, heating and fresh air within the area. SecurityONE supports intelligent adjustment of various regional types of electrical switches to achieve a green office.

SecurityONE System

Since traditional security technology was not designed to effectively deal with extremely large data, nor manage the massive video files and intelligent analysis of the present, the cloud based security platform has become a necessity. SecurityONE, based on a powerful cloud server, is suitable for all kinds of network environments and can get functional equipment information to the cloud anytime and from anywhere. SecurityONE can search, store and manage video data in the cloud. With distributed cloud deployment, the SecurityONE system can be expanded to multiple branch offices as required with ease. Real-time data analysis, processing and response and intelligent video analysis can significantly reduce the acquisition cost of hardware and software.

How the SecurityONE System Works

Below you will find an in-depth understanding to SecurityONE, showing you in detail how SecurityONE seamlessly connects system equipment, subsystems to achieve intelligent integration and how SecurityONE provides you with a one-stop, full range of services.

![Anviz Intelligent. Security]

SecurityONE System

Cloud

All In One Security

High Security Easy Installation Remote Security Lower Cost

**Anytime
Anywhere
All in one platform**

Security Box

interior door   Exterior door   Important door

Alarm host

P7+WLock   M5+SC011   UltraMatch+SC011   Video   Sensor
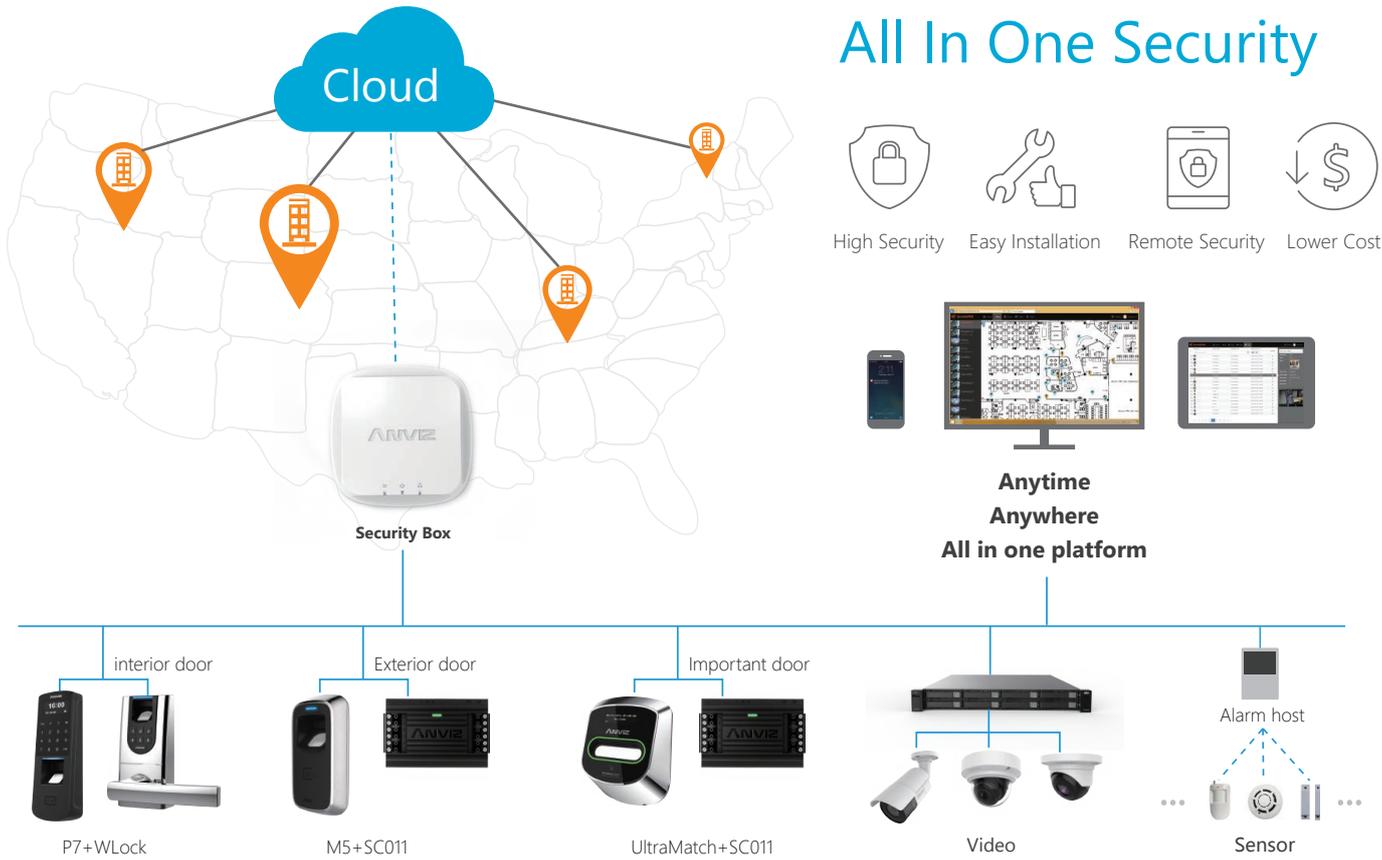
▶ **Cloud server**

The Cloud server is the place where all the information is stored. Each system must be equipped with an information storage server. The powerful Cloud server computing ability can effectively deal with the massive data, manage enormous video data files and intelligent analysis. This Cloud server is suitable for all kinds of network environments and can get functional equipment information from the cloud anytime, anywhere.

▶ **Security Box**

SecurityONE is the host of the control site, which connects and manages access control equipment, IO switches, video products and alarm hosts. Each Security Box can connect up to 32 doors, 64 cameras, 32 IOs. With distributed cloud deployment, the number of Security Box can be arbitrarily matched with the number of sites. Each Security Box can act independently and when it runs into an offline emergency, the Box can record event and event log.

▶ **Alarm**

Alarm module is compatible with a variety of alarm input and output devices, which can match with the mainstream alarm hosts on the market. A variety of alarm inputs can effectively protect your building and enhance the accuracy of the alarm by linking with other subsystems.

▶ **Video Surveillance**

Video Surveillance subsystem includes IPCs and NVRs. IPC is the eye of the SecurityONE system which is responsible for the I/O of video. IPC can be connected to access control and IO alarm, and take snapshot and video segment to server when event or alarm occurs. NVR is mainly responsible for the storage of video on the local disk.

▶ **Access control**

SecurityONE access control subsystem manages the access controller function for access rules of personnel, management time, monitoring of event & alarm and image capture with IPCs for abnormal or illegal door opening. Using the IP network, it can achieve flexible and complex access control area logic, such as anti-passback, multi door interlock or other open logic.

▶ **Clients**

SecurityONE client is Web browser based, with functions including, site selection, click and live view, emergency popup, video playback, alarm push sends, forward and share. The Mobile client supports IOS/Android systems with the functions of remote monitoring and operation.

► High Security

Entrance and Exit

- Vehicle Management
- Video Linkage
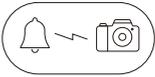
Gate

- Visitor Management
- Gate Linkage

Perimeter

- Intelligent Video
- Alarm Linkage
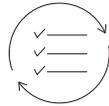
Office

- Predefined Linkage
- Period Security Deployment

► Convenience
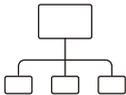
Cloud Deployment

- Multi-point deployment
- Spot controller
- Cloud maintenance

Map Operation

- Click and view
- Warning popup
- Device Monitor

Client

- Web，mobile phone
- IOS，Android

Alarm Push

- Picture and text combination
- Remote Operation and quick response
- Forward and share

► Low Cost
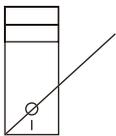
Low Hardware Cost

- No need for server
- No need for Machine room
- No need to maintain
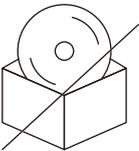
Low Software Cost

- No need for windows authorization
- No need for Software Dongle
- Web，Easy to Deploy

Low Maintenance Cost

- Remote maintenance
- Remote diagnosis
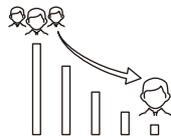
Reduce Security Guard

- Reduce IT

![Anviz logo] **ANVIZ** ®
Intelligent . Security

▶ Energy Efficiency

● Few personnel

● Many personnel

🎥 People awareness
- Wireless sensor
- Video analysis

🌡 Temperature control
- Intelligent temperature control

💡 Light control
- Intelligent switch

⏻ Switch
- Water dispenser
- Hot water

Access Control
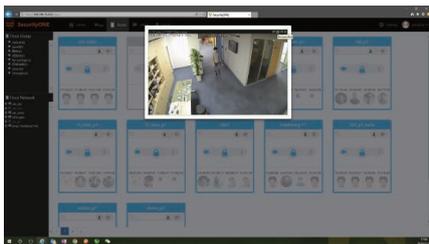
IP Camera & NVR Integration

- Real-time video monitoring
- Still image capturing
- Control of PTZ cameras
- Video log search through NVR
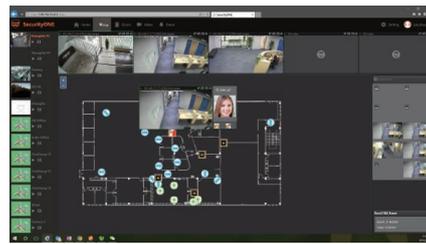
Visual Map Interface

- Graphical representation of the system
- Device/door setting modification from the map
- Real-time monitoring on the map
- Event notifications in graphic icons
- Monitoring interface for doors and zones
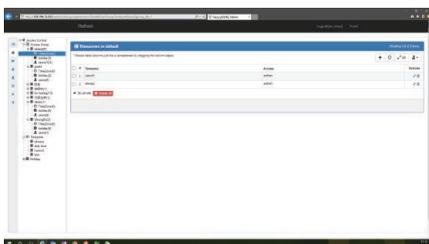
Shift, Holiday & Leave Management

- Daily and weekly cycle scheduling
- Multiple shift rules per user
- Holiday Schedule configurable per group
- Leave schedule configurable per user
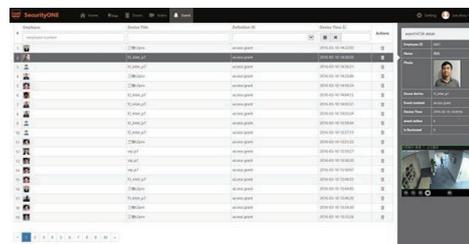
Zone Management

- Fire alarm, alarm, anti-passback, entrance limit, interlock, muster and access zones
- Controls up to 32 advanced zones
- Customizable alarm settings for each zones
- View event log for selected zones

Video
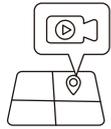
Preview+playback
- Click and view
- Map playback
- Event popup

Cloud Storage
- Event screenshot
- Photo Gallery playback
- Cloud storage

Remote Client
- Remote preview
- Remote playback
- Alarm video

Intelligent Recognization
- Thermal detection
- License plate to open the door
- Intelligent Switch

SecurityONE Version Feature List

Function	Feature	version			
		Lite	Station	Professional	Enterprise
System	Bind domain	√	√	√	√
	Local deployment	√	√	√	√
	Cloud deployment	√	√	√	√
	Access security	https	https	https	https
	Milestone integration	√	√	√	√
	Electronic map	Access control	Access control, video	Access control, video, switch	Access control, video, building automation
Access control	Personnel management	√	√	√	√
	Recognition Information	Card, Password, Face, Iris	Card, Password, Face, Iris	Card, Password, Face, Iris	Card, Password, Face, Iris
	Entry and Exit Records	√	√	√	√
	Damage alarm	√	√	√	√
	Force alarm	√	√	√	√
	Video linkage		√	√	√
	Anti-passback	16-Door	16-Door	16-Door	16-Door
	Multi-gate Interlock	16-Door	16-Door	16-Door	16-Door
Video	Real-time display		√	√	√
	playback		√	√	√
	Linkage screenshot		√	√	√
	Linkage video		√	√	√
	Image upload		√	√	√
	Video upload		√	√	√
	Remote function		√	√	√
	license plate recognition			√	√
	Intelligent perimeter			√	√
	Lighting linkage				√
Alarm	Alarm host		√	√	√
	Access alarm	√	√	√	√
	Video alarm		√	√	√
	Pushmail	Text	Image, Text	Image, Text	Image, Text
	Mobile push		√	√	√
	Alarm filter	√	√	√	√
	Alarm plan processing			√	√
Building automation	433 Light control panel			√	√
	Centralized light control				√
	Air conditioning control				√
	Fresh air control				√
	Wireless personnel perception			√	√
	Video hot spot analysis				√

Anviz Cloud

Biometric

Anviz intelligent biometric terminal fusion of the world's leading intelligent biometric technology and a number of software, hardware and design patents. Anviz access control, time and attendance, locks and other products identification always represents the industry pioneer, leading the development of the industry. Rich products, high performance and high integration of integrated solutions to meet the different needs of users in different sectors, such as government, law, retail, industrial, commercial, financial, medical and educational institutions.

BioNANO Core Algorithm

BioNANO ®V11

Core Algorithm

Fingerprint - Facial - Iris

Anviz biometric technologies are widely used in our fingerprint identification, face recognition and iris identification products. As one of our key technological achievements, the biometric identification algorithm BioNANO, was developed in house by our engineers and is now the algorithm used in all Anviz biometric products.

Fingerprint
- Suitable for both wet and dry fingers
- Automatically heals the broken lines in fingerprint images
- Extraction of features in worn fingerprints
- Fingerprints template auto update

Facial
- Non-contact
- Fast speed and easy to use
- Suitable for different lux application

Iris
- No way to fake, highest security
- Most accurate, convenient, and reliable
- Touchless verification, most sanitary

► **Anviz Hermetic AFOS Fingerprint Sensor**
Waterproof, dust proof and scratchproof IP65 fingerprint sensor

► **Multi-communication Mode**
TCP/IP, USB device, RS485, Wiegand, GPRS, WIFI and so on.

► **Fingerprint Template Auto Update**
Auto update means the previous lower quality fingerprint template will be automatically replaced by the new higher quality one during fingerprint verification

► **Webserver**
Visit the device directly via the network. Setup and search the record from the device.

► **High Speed Matching**
Incredibly fast matching algorithm will complete a 1:1 match less than 0.5 sec and 1:3000 users less than 1 sec.

► **Wide Temperature Circuit Design**
Wide temperature circuit will ensure the device is suitable for different complex environment.

► **Living Recognition**
Living recognition can get fingerprint data from beneath surface of the skin so that dryness or even damaged or worn fingers create no problems for reliable reads.

► **Dual Storage**
Dual storage ensures the data is more secure.

► **Photoelectronic Imaging Technology**
Photoelectronic imaging technology is the key factor which decides the image quality in the image acquisition system. Anviz conducted in-depth research on the photoelectronic imaging technology and significant image optimization processing work on the mainstream photoelectric imaging chip technology in industry., and a lot image optimization processing work on the mainstream photoelectric imaging chip technology in industry. The technologies developed by this company include: Automatic Gain Control (AGC), Backlight Compensation (BLC), Electronic Shutter, Slow Shutter, High Signal-to-noise Ratio, Image Distortion Adjustment, Auto Exposure, Image Mosaic, etc.

► **Applied Optics**
Anviz's self-designed, ultra-depth, and monochromatic spectral optical lens meets the remote distance-imaging requirements of the face and iris recognition system. Anviz's self-designed HD network camera optical lens, with ultra wide angle (horizontal viewing angle 80°) and low optical distortion (5%), provides the users with broader views and more details.

CrossChex

Time Attendance and Access Control
Management System

What is CrossChex?

CrossChex is personnel identity verification, access control and time attendance management system. Management personnel information by biometric technology and meet customer time attendance and access control requirements. Achieve biometrics commercial application. Help Information security and Help enterprises to improve management efficiency and information security.

Why CrossChex?

Diversity

CrossChex series software suites different types of customers by providing different versions of the software. The CrossChex series software supports all Anviz Biometric devices (fingerprint, face and iris) providing time attendance and access control all in one.

Convenience

The CrossChex series software supports TCP / IP network communication. The flexible deployment of a CrossChex Cloud system and Crosschex professional, based on B/S architecture, is a simple and easy to use Web version.

Customizable

To better meet the global market demand, Anviz provides CrossChex software customized services. Include report output, customized function module, professional design functions for you.

Desktop
For small & medium Business T&A, A&C all in one system

Professional
For enterprise web base management system

Cloud
For global cloud system

Desktop

Featuring a user-friendly GUI, AIM CrossChex provides feature-rich time and attendance management experience, meeting all needs of employee attendance tracking and access restriction of small and medium-sized businesses that house employees in a centralized workplace.

Lite

For small business all in one system

▶ Support daily and hourly shift schedule, flexible face to different employee.

▶ Online auto update keep the software always in latest

▶ Multi time attendance report output

Standard

For middle business all in one system

▶ Multi-level administrator rights management

▶ Online upgrade, technical support and trouble ticket submit.

▶ Support defined reports design
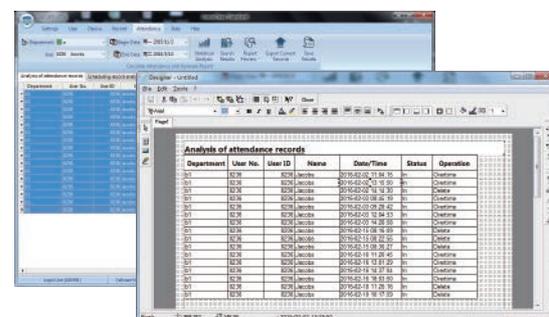
Professional

For enterprise web-based system

The Enterprise class solution must make the best of network resources. The CrossChex Professional system based on Web server application and adopts modular design and open data interface, not only easy and seamless convergence with third party system but also that the system has unlimited expansion possibility.

▶ Adopts web architecture support multi browsers visit directly, easy for manage time attendance and access control everywhere.

▶ Fast management interface support mail push, graphic report and shortcut function key.
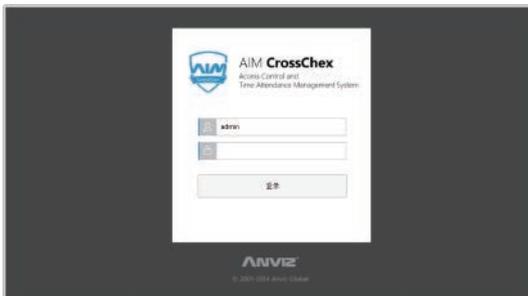
▶ Support multi devices centralized management and real time monitoring.

▶ Support multiple shift rules and intelligent shift for different user.

Webserver

Mobile app

Internet

Desktop
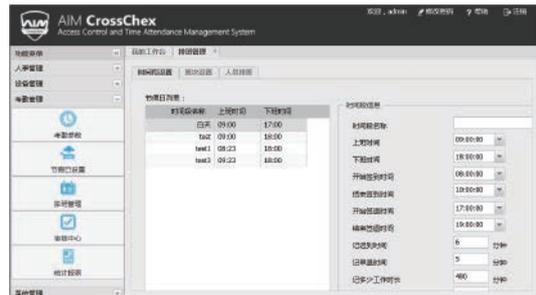
Cloud For global cloud system

Ideal for any size enterprise, without limitation of cross-regional business. Convenient deployment, centralized management attendance, wide-ranging statistics report and a third-party system integration. All staff can easily apply for leave and check their attendance records.

- ► No need to install, maintain, or upgrade software
- ► No expensive computers to purchase or maintain
- ► Access data in real-time from any PC and Mobile with Internet

- ► Receive real-time alerts to your email
- ► Multiple encryptions and redundancy backup for data safety.
- ► Support daily and hourly shift schedule, flexible interface to different employee information.
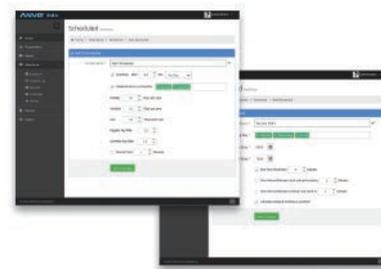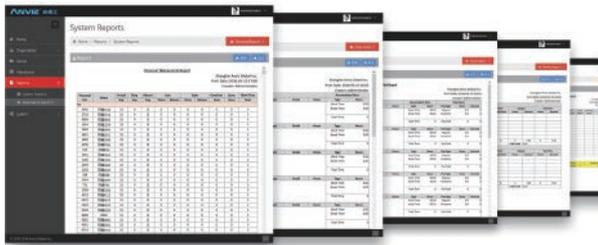
Cloud

JOIN US NOW! Free

01 Account Registration

02 Device Network Setup

03 Cloud Account Setup

Please scan this QR code to
get CrossChex Cloud App

Multi-Browser

Multi-Platform

C2

Color Fingerprint Time Attendance

C2 is a color fingerprint time attendance system designed for medium to large size enterprises. It integrates color LCD, keypad and optical fingerprint sensor. C2 has an ultra slim design with the thickness of only 3cm, which makes it extremely elegant on the wall. Stylish 3" widescreen High Definition TFT display can show multiple languages for different local market.

Key Features

- ► ARM CPU
- ► Max 3,000 Users, Max 50,000 Records
- ► 16 Customizable T&A States, Auto T&A States Switch
- ► Daylight Saving, Work Code, Message Function

- ► Employee Self-Service Record Inquiry
- ► TCP/IP, USB Host, Mini USB
- ► Internal Webserver
- ► Standard EM Card, Optional Mifare Card

Technical Specifications

Capacity	Max User	3,000
	Max Template	3,000
	Max Log	50,000
Inferface	Comm.	TCP/IP, USB Host, Mini USB
Feature	Identification Mode	Fingerprint, Password, Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	16
	Workcode	Yes
	Webserver	Internal
	Software	Anviz Crosschex Standard

Hardware	CPU	ARM CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	LCD	3" Widescreen High Definition TFT Display
	RFID Card	Standard EM Card, Optional Mifare Card
	Dimensions (WxHxD)	140 x 190x 30mm (5.5x7.48x1.18")
	Temperature	-30℃~60℃
	Power	DC 5V

Waterproof Dustproof Scratchproof
AFOS Fingerprint Sensor

Internal Webserver

Mini USB

USB Host

TCP/IP

Card
Standard EM Card, Optional Mifare

CE   FC   RoHS COMPLIANT

C3

Color Fingerprint & RFID Time Attendance

C3 is a Fingerprint & RFID time attendance system designed for medium or large size enterprises. It integrates color LCD, keypad, optical fingerprint sensor, card reader and relay out. Graphic user interface allows C3 to display languages around the world. Meanwhile, the stability and speed can be ensured. In addition, with unique states button, users can have great convenience to manage complicated custom-defined job code or time attendance states in practical situation.

Key Features

- ARM CPU
- Max 3,000 Users, Max 50,000 Records
- 16 Customizable T&A States, Auto T&A States Switch
- Daylight Saving, Work Code, Message Function

- Employee Self-Service Record Inquiry Relay Out
- Mini USB & USB Host, TCP/IP(DHCP), RS232
- Internal WebServer
- Standard EM Card, Optional Mifare Card

Technical Specifications

Capacity	Max User	3,000
	Max Template	3,000
	Max Log	50,000
Inferface	Comm.	Mini USB & USB Host, TCP/IP(DHCP), RS232
	Relay	Relay Output
Feature	Identification Mode	Fingerprint, Password, Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	16
	Workcode	Yes
	Webserver	Internal
	Software	Anviz Crosschex Standard

Hardware	CPU	ARM CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	LCD	3" Widescreen High Definition TFT Display
	RFID Card	Standard EM Card, Optional Mifare Card
	Dimensions (WxHxD)	205 x 145 x 37mm (8.07x5.7x1.45")
	Temperature	-30℃ ~60℃
	Power	DC 5V

Waterproof Dustproof Scratchproof
Fingerprint Sensor
AFOS

Internal Webserver

Mini USB

USB Host

TCP/IP

Card
Standard EM Card, Optional Mifare

∧NVI2 ®
Intelligent . Security

C2 Pro

PoE

Professional PoE Fingerprint & Card Terminal

C2 Pro is a high performance time and attendance terminal aimed to the middle and high-end market. Equipped with highly efficient Dual-Core 1GHz processor, C2 Pro sustains higher performance by finishing the comparison in less than 0.5 seconds. Friendly GUI and 3.5 inches TFT LCD make C2 Pro is easy to use. It support several RFID reader module (HID, ALLEGION or ANVIZ) and RS485, PoE-TCP/IP or WiFi communication for different requirements.

aptiQ™

iCLASS for HID

Cloud Time Attendance

Cloud

Mobile App

C2 Pro

C2 Pro

| Bell | WIFI | TCP/IP | Access Control Equipment | CrossChex Cloud | Print |

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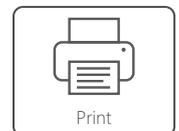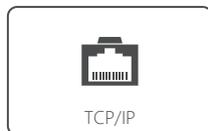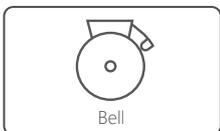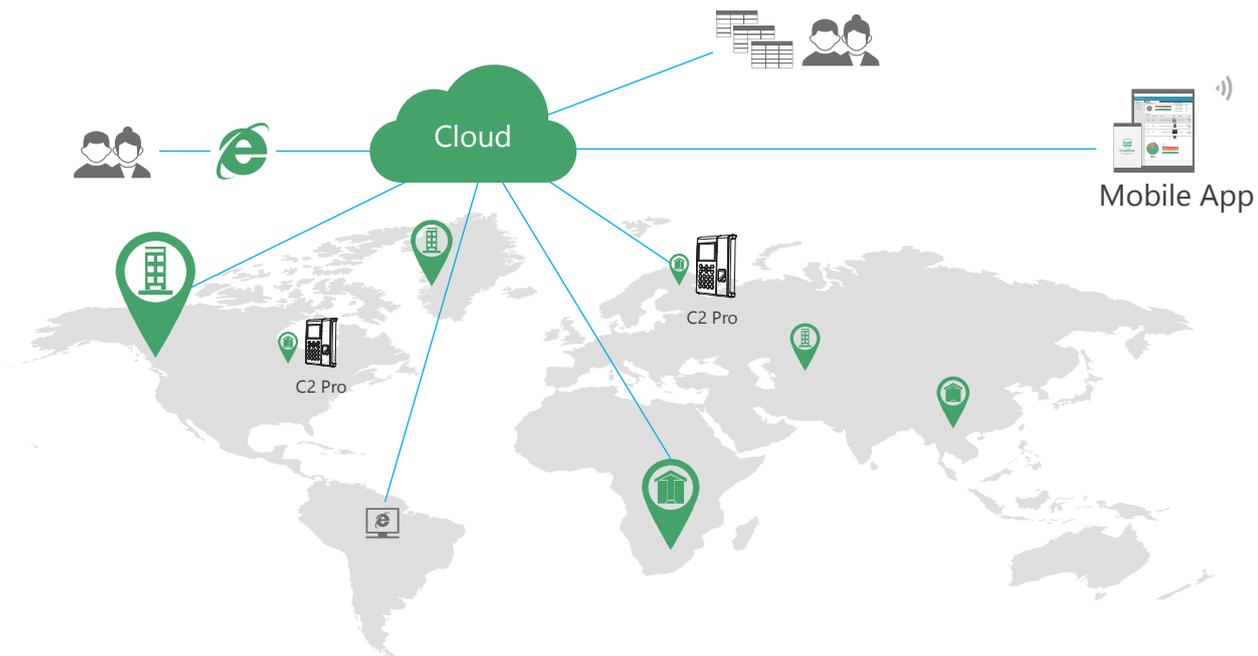
Technical Specifications

Capacity	Max User	5,000
	Max Template	5,000(1:N) 200,000(1:1)
	Max Log	100,000
Inferface	Comm.	TCP/IP, RS485, USB Host, Mini USB, RS232, WIFI
	Relay	Relay Output
	Wiegand Out	Yes
Feature	Identification Mode	FP, PW, Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8
	Workcode	Yes
	Webserver	Yes
	RFID	Optional HID iClass Card
		Standard 125KHz EM;
		Optional 13.56MHz Mifare/ISO 14443A
Hardware	CPU	Dual-Core 1GHz CPU
	Sensor	AFOS
	Memory	512DDR3+2GB Flash
	LCD	3.5" TFT
	LED	Three-color indicator light
	Dimensions	140(w) x 190(h) x 32(d) mm (5.51x7.48x1.26")
	Temperature	-30°C to 60°C
	Power	DC 12V

Key Features

► Linux platform to provide a safe and stable performance

► Comparison time in less than 0.5s

► Embedded fingerprint templates to the IC card to provide a more safety comparison on 1:1

► The lastest fingerprint reader, touch on activation infrared, optical imaging technology

► PoE-TCP/IP, R3485 & WiFi are provided to satisfy different needs

► Provide 1 relay for belling and connecting to Access Control system RS232 interface can be connected to a Time & Attendance printer

► New material that makes it more appealing and durable

► Ergonomic design with new rubber keypad to provide a better user experience
Bigger and brighter 3.5 inch color display

► Fast & easy installation through a wall-mounted board

► Ease the experience of user by brand new UI design

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EP300

Fingerprint Time Attendance

With Anviz's industry-leading fingerprint algorithm BioNANO & waterproof, dustproof and scratchproof fingerprint sensor, EP300 offers a perfect time attendance solution. Special fingerprint positioning design makes it extremely friendly for both system administrators and everyday users.

Key Features

▸ Unique Fingerprint Positioning Design

▸ 2,000 Fingerprints, 50,000 Records

▸ TCP/IP, Mini USB & USB Host

▸ Optional Rechargeable 1100mAH Battery

▸ Power Over USB/DC 5V

▸ 8 Customizable T&A States, 6-digit Work Code

▸ FP, ID+FP, ID+PW, FP+PW

Technical Specifications

Capacity	Max User	2,000
	Max Template	2,000
	Max Log	50,000
Inferface	Comm.	TCP/IP, USB Host, Mini USB
Feature	Identification Mode	FP, ID+FP, ID+PW, FP+PW
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8
	Workcode	Yes
	Software	Anviz Crosschex Standard

Hardware	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	LCD	128*64 White LCD
	Dimensions	185(w)*130(h)*35(d)mm
		(7.28x5.12x1.38")
	Temperature	-30℃~60℃
	Power	DC 5V
	Battery	Optional 1100mAH(Around 6 hours)

Waterproof Dustproof
Fingerprint Sensor

2,000
Fingerprint Capacity

Mini USB

USB Host

Network IP Connection

1100mAH
Rechargeable Lithium battery backup

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A300

Fingerprint Time Attendance

A300 employs Anviz's industry-leading fingerprint algorithm BioNANO. With a waterproof, dustproof and scratchproof fingerprint sensor, A300 offers a perfect time-attendance solution. It support TCP/IP, USB Host, Mini USB, Wifi and Optional RS232 communication for different requirements.

Key Features

- ► 2,000 Fingerprints, 50,000 Records
- ► TCP/IP, USB Host, Mini USB, Wifi and Optional RS232
- ► Relay Output
- ► Power Over USB or DC 5V

- ► 8 Customizable T&A States, 6-digit Work Code
- ► FP, Card ID+FP, ID+PW, PW+Card, FP+Card, FP+PW
- ► Standard EM Card, Optional Mifare Card

Technical Specifications

Capacity		
	Max User	2,000
	Max Template	2,000 (Card Optional)
	Max Log	50,000
Inferface	Comm.	TCP/IP, USB Host , Mini USB, Wifi and Optional RS232
	Relay	Relay Output
Feature	Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8
	Workcode	6
	Software	Anviz Crosschex Standard

Hardware		
	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	LCD	128*64 White LCD
	RFID Card	Standard EM Card, Optional Mifare Card
	Dimensions	200(w)*140(h)*38(d)mm (7.87x5.51x1.5")
	Temperature	-30℃~60℃
	Power	DC 5V
	RFID Card	125KHz EM(Optional)

Waterproof Dustproof Fingerprint Sensor | AFOS

2,000 Fingerprint Capacity

WiFi

Mini USB

USB Host

TCP/IP

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W1

Color Screen Fingerprint & RFID Time Attendance

W1 is the new generation fingerprint time attendance terminal features based on Linux platform. W1 houses 2.8-inch color LCD with rich colors and visibility that displays intuitive GUI that is easy to understand and self-explanatory. Full capacitive touch keypads along with touch optical fingerprint sensor will offer convenient operation experience and improve the practicality of the wet and dry fingerprint.

Key Features

- Industrial High Speed CPU
- Max 3,000 Users, Max 10,0000 Records
- Auto 16 T&A States Switch
- Fingerprint Reader, Touch on Activation

- TCP/IP, Mini USB & USB Host
- Daylight Saving, Work Code, Message Function
- Employee Self-Service Record Inquiry
- Internal Webserver

Technical Specifications

Capacity		
	Max User	3,000
	Max Template	3,000
	Max Log	100,000

Inferface		
	Comm.	TCP/IP, Mini USB, USB Host

Feature		
	Identification Mode	Finger, Password, Card(Optional)
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8
	Workcode	6
	Software	Crosschex Cloud & APP

Hardware		
	CPU	Industrial High Speed CPU
	Sensor	AFOS Optical Sensor (Touch Active Sensor)
	Scan Area	22m*18mm
	Flash Memory	512MB
	RFID Card	Optional EM/Mifare Card
	LCD	2.8" Color Screen
	Dimensions (WxHxD)	130x140x30mm (5.12x5.51x1.18")
	Temperature	-25°C ~60°C
	Power	DC 5V

3,000 Fingerprint Capacity

Self-Service Record Inquiry

Password

Webserver

USB Host

Card

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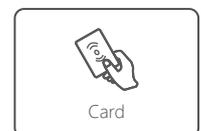
D200

Fingerprint Time Attendance

Desktop series D200 is a basic time and attendance system from Anviz, designed for small and medium companies. D200 has the most slim design among similar products. D200 doesn't require any installation. Just put it on the table and that's it! With a special 2-in-1 design, you can also install it on wall.

Key Features

- Desktop Design for offices
- 32-Bit High Speed CPU
- 2,000 Fingerprints, 50,000 Records
- Mini USB

- Power Over USB or DC 5V
- 8 Customizable T&A States, 6-digit Work Code
- FP, ID+FP, ID+PW, FP+PW

Technical Specifications

Capacity				Hardware		
	Max User	2,000			CPU	32-bit High Speed CPU
	Max Template	2,000			Sensor	AFOS
	Max Log	50,000			Scan Area	22m*18mm
Inferface	Comm.	Mini USB, TCP/IP			Resolution	500 DPI
Feature	Identification Mode	FP, ID+FP, ID+PW, FP+PW			LCD	128*64 White LCD
	Verification Speed	<0.5 Sec			Dimensions	160(w)*130(h)*90(d)mm (6.3x5.12x3.54")
	Fingerprint Image Display	Yes			Temperature	-30℃~60℃ (Except battery)
	Self-defined Status	6			Power	DC 5V
	Workcode	Yes			Battery	Internal 1100mAH Battery
	Software	Anviz Crosschex Lite				

Waterproof Dustproof
AFOS Fingerprint Sensor

2,000 Fingerprint Capacity

TCP/IP

50,000 Record Capacity

FP & Password

1100mAH Rechargeable Lithium battery backup

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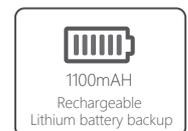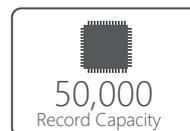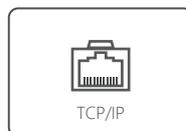
TC530

Fingerprint & RFID Time Attendance

TC530 multi-functional wall mounted fingerprint & RFID time attendance and access control utilizes BioNANO core fingerprint algorithm with high speed and stability. Easy operation and installation. Voice prompt. Standard USB Device, USB Host, TCP/IP, Dry contact, 6-digit work code, 30 bell schedulers and 50 short messages. TC530 has standard TCP/IP module and RFID card reader.

Key Features

- 2,000 Fingerprints, 50,000 Records
- TCP/IP, Mini USB & USB Host
- Relay Output
- Power Over USB or DC 5V

- 8 Customizable T&A States, 6-digit Work Code
- FP, Card ID+FP, ID+PW, PW+Card, FP+Card, FP+PW
- Standare 125KHz EM, Optional Mifare Card
- Short Message

Technical Specifications

Capacity	Max User	2,000
	Max Template	2,000
	Max Log	50,000
Inferface	Comm.	TCP/IP, USB Host, Mini USB, Optional RS232/GPRS
	Relay	Relay Output
Feature	Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8
	Workcode	6
	Software	Anviz Crosschex Standard

Hardware	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	LCD	128*64 White LCD
	RFID Card	Standare EM, Optional Mifare
	Dimensions	200(w)*140(h)*38(d)mm (4.96x7.44x1.38")
	Temperature	-30℃~60℃
	Power	DC 12V

Waterproof Dustproof Fingerprint Sensor	2,000 Fingerprint Capacity	Mini USB	TCP/IP	USB Host	Card 125KHz EM, Optional Mifare

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FacePass Pro

Standalone Facial Recognition System

FacePass Pro is a breakthrough in innovation. The all-new BioNANO core algorithm and powerful hardware platform ensures that the terminal identification speed is less than 1 second. The advanced infrared light source enables the terminal to ensure illumination, even in total darkness.

Key Features

- 500 Users, 100,000 Records
- Three Identification Mode: Face, Card, ID+PW
- Energy Saving Auto Wake/Sleep
- Voice and LED Prompt

- Touch Screen
- Backup and Uparada Frm Ware
- TCP/IP Connectivity
- Inbuild Webserver

Technical Specifications

Capacity			Hardware		
	Max User	500		CPU	ARM 1.0G High Speed CPU
	Max Log	100,000		Camera	Dual Cameras
Inferface	Comm.	TCP/IP, USB Host		LCD	2.8 Inch 240*320 TFT LCD Touch Screen
	Realy Out	Yes		Visual indication	Dual colour LED(red/green)
Feature	Identification Mode	Face, Card, ID+Password		Angle Range	Level：±20°, Vertical：±20°
	Verification Speed	<0.5 Sec		Verify Distance	30-80CM
	Fingerprint Image Display	Yes		Tamper Alarm	Yes
	Self-defined Status	10		Auto Wake/Sleep	Yes
	Embedded WebServer	Yes		Operating Temperature	-5 C ~60 C
	Audible indication	Voice Prompt		Dimensions	130(w) x 111(h) x 143(d)mm
	Time	Internal Real Time Clock(SNTP)			（5.12x4.37x5.63"）
	Scheduled Bell	5 Groups		Operating Humidity	10 ~ 90%
	Language Support	Multi Language		Power	DC 12V
	Software	Anviz Crosschex Standard			

Dual Camera

Multiple Language Display

TCP/IP USB Host

Webserver

TCP/IP

Touch Screen

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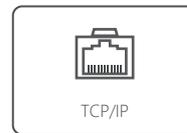
Hardware Specifications

Category	Feature	C2	C3	C2 Pro	EP300
Device Picture					
	RF Option	Standard 125KHz EM Card, Optional 13.56MHz Mifare	Standard 125KHz EM Card, Optional 13.56MHz Mifare	Optional HID iClass Card /aptiQ/Anviz Card	125KHz EM/ 13.56MHz Mifare
Capacity	Max. User	3,000	3,000	5,000	2,000
	Max.Template	3,000	3,000	5,000	2,000
	Log Capacity	50,000	50,000	100,000	50,000
Comm.	TCP/IP	Yes	Yes	Yes	Yes
	RS485	/	/	Optional	/
	USB Host	Yes	Yes	Yes	Yes
	Mini USB	Yes	Yes	Yes	Yes
	RS232	/	Yes	Optional	/
	Wifi	/	/	Yes	/
	GPRS	/	/	/	/
	Relay	/	Relay Output	Relay Output	/
Interface	Identification Mode	FP / PW / Card	FP / PW / Card	FP / PW / Card	FP / PW
	Verification Speed	<0.5 Sec	<0.5 Sec	<0.5 Sec	<0.5 Sec
	FP Image Display	Yes	Yes	Yes	Yes
	Self-defined Status	8	8	8	8
	Workcode	Yes	Yes	Yes	Yes
	WebServer	Yes	Yes	Yes	/
	Audible indication	Voice Prompt	Voice Prompt	Voice Prompt	Voice Prompt
	Scheduled Bell	Yes	Yes	Yes	/
	Language Support	Yes	Yes	Yes	Yes
	Software	Anviz Crosschex Standard	Anviz Crosschex Standard	Anviz Crosschex Cloud	Anviz Crosschex Standard
	Time (同步时钟服务)	Yes	Yes	Yes	/
Hardware	CPU	ARM CPU	ARM CPU	Dual-Core 1GHz CPU	32-bit High Speed CPU
	Sensor	AFOS	AFOS	AFOS	AFOS
	Scan Area	22m*18mm	22m*18mm	22m*18mm	22m*18mm
	LCD	3.5" TFT	3.5" TFT	3.5" TFT	128*64 White LCD
	LED Indicator	Multi-color	Multi-color	Multi-color	Multi-color
	Sound	HI-FI Sound	HI-FI Sound	HI-FI Sound	HI-FI Sound
	Dimensions(W x H x D)	140 x 190 x 32mm(5.51x7.48x1.26")	205 x 145 x 37mm(8.07x5.7x1.45")	140 x 190 x 32mm(5.51x7.48x1.26")	185 x 130 x 35mm(7.28x5.12x1.38")
	Temperature	-30℃~60℃	-30℃~60℃	-30℃~60℃	-30℃~60℃
	Humidity	20% to 90%	20% to 90%	20% to 90%	20% to 90%
	Power	DC 5V	DC 5V	DC 12V	DC 5V
	Battery	/	/	/	1100mAH Battery(Optional)

	A300	W1	D200	TC530	FacePass Pro
	125KHz EM/ 13.56MHz Mifare	Optional EM/Mifare Card	/	Standare EM, Optional Mifare	Standare EM, Optional Mifare
	2,000	3,000	2,000	2,000	500
	2,000	3,000	2,000	2,000	500
	50,000	100,000	50,000	50,000	100,000
	Yes	Yes	/	Yes	Yes
	/	/	/	/	/
	Yes	Yes	/	Yes	Yes
	Yes	Yes	Yes	Yes	/
	Optional	/	/	Optional	/
	Yes	/	/	/	/
	/	/	/	Optional	/
	Relay Output	/	/	Relay Output	Relay Output
	FP / PW / Card	FP / PW / Card(Optional)	FP / PW	FP / PW / Card	Face / PW / Card
	<0.5 Sec	<0.5 Sec	<0.5 Sec	<0.5 Sec	<0.5 Sec
	Yes	Yes	Yes	Yes	/
	8	16	8	8	10
	Yes	Yes	Yes	Yes	Yes
	/	/	/	/	Yes
	Voice Prompt	Voice Prompt	Voice Prompt	Voice Prompt	Voice Prompt
	Yes	Yes	/	Yes	Yes
	Yes	Yes	Yes	Yes	Yes
	Anviz Crosschex Standard	Anviz Cloud & APP	Anviz Crosschex Lite	Anviz Crosschex Standard	Anviz Crosschex Standard
	/	/	/	/	Yes
	32-bit High Speed CPU	Industrial High Speed CPU	32-bit High Speed CPU	32-bit High Speed CPU	ARM High Speed CPU
	AFOS	AFOS Optical Sensor (Touch Active Sensor)	AFOS	AFOS	Dual-Camera
	22m*18mm	22m*18mm	22m*18mm	22m*18mm	/
	128*64 White LCD	2.8" Color Screen	128*64 White LCD	128*64 White LCD	2.8'' TFT LCD Touch Screen
	Multi-color	Multi-color	Multi-color	Multi-color	Multi-color
	HI-FI Sound	HI-FI Sound	HI-FI Sound	HI-FI Sound	HI-FI Sound
	200 x 140 x 38mm(7.87x5.51x1.5")	130x140x30mm(5.12x5.51x1.18")	160 x 130 x 90mm(6.3x5.12x3.54)"	126 x 189 x 35mm(4.96x7.44x1.38")	130 x 111 x 143mm(5.12x4.37x5.63")
	-30℃~60℃	-25℃~60℃	-30℃~60℃ (Except battery)	-30℃~60℃	-30℃~60℃
	20% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%
	DC 5V	DC 5V	DC 5V	DC 5V	DC 12V
	/	/	Internal 1100mAH Battery	/	/

M3

Outdoor RFID Access Controller

M3 is a metal casing, IP65 water-proof design compact access control device, suitable for outdoor applications. It is comply with ISO14443 contactless card standards, support 13.56MHZ mifare card and optional EM card. The touch backlit keypad, support TCP/IP and RS485 communication convenient for customers to use.

Key Features

- ► Slim and touch backlit keypad elegant design
- ► Metal structure, waterproof, fully potted, IP65
- ► Built-in 13.56MHz Mifare
- ► Optional 125KHZ EM card

- ► LED indicators and buzzer for visual and audio feedback
- ► Relay and Wiegand Output, access controller and reader all in one Both TCP/IP and RS485 communication
- ► Door Open Sensor, amper alarm output

Technical Specifications

Capacity			Hardware		
	Max User	2,000		RFID Card	ISO14443A/B 13.56MHZ Mifare Card (Optional EM Card)
	Max Template	2,000			
	Max Log	50,000		Dimensions(WxHxD)	47*124*22
Inferface	Comm.	TCP/IP, RS485, Mini USB		Temperature	-40 ℃ ~60 ℃
	Relay	Relay Output		Power	DC 12V
	I/O	Wiegand26 Out, Door Open Sensor, Switch			
Feature	Identification Mode	Password, Card			
	Verification Speed	<0.5 Sec			
	Password	6 Digit Password			
	Card Read Range	≥40mm (Mifare and 125KHz EM)			
	Software	Anviz Crosschex Lite			

IP65 IP65 Waterproof	TCP/IP	RS485	Password	Card Mifare Card, Optional EM Card	CrossChex Lite

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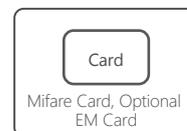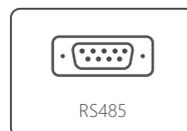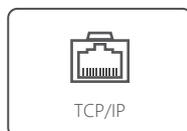
M5

Outdoor Fingerprint & CardReader/Controller

M5 by Anviz is a compact access control device that is designed to fit most door frames. metal casing, with IP65 water-proof design, makes it suitable for indoor or outdoor applications. M5 supports 125kHz proximity cards and fingerprint identification.

Key Features

► Vandal resistant metal housing, IP65

► Card read range: 0.8 to 3.1 in. (20 to 80 mm)

► BioNANO algorithm ensures fast verification under 1 second

► LED indicators and buzzer for visual and audio feedback

► Multiple verification modes guarantee flexibility and safety

► Multiple communication modes such as TCP/IP, Wiegand 26, easy for installation and integration

► Tamper alarm output

Technical Specifications

Capacity	Max User	2,000
	Max Template	2,000
	Max Log	50,000
Inferface	Comm.	TCP/IP, RS485, Mini USB
	I/O	Wiegand Out 26, Group, Time Zone
Feature	Identification Mode	Fingerprint, Card
	Verification Speed	<0.5 Sec
	Voice and Interface	Multicolor LEDs and Buzzer
	Software	Anviz Crosschex Standard

Hardware	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card Reader	Stamdard EM
	Card Read Range	0.8 to 3.1 in. (20 to 80 mm)
	Dimensions(WxHxD)	50 x 124 x 34.5mm
	Temperature	-40℃~60℃
	Power	DC 12V
	Accessory	SC011(Controller)

IP65
IP65 Waterproof

IK10
Metal Housing, IK10

Fingerprint

TCP/IP

RS485

Card
EM card

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W2

Color Screen Fingerprint & RFID Access Control

W2 is the new generation fingerprint access control & time attendance terminal features based on Linux platform, with 2.8-inch color LCD, full capacitive touch keypads and touch optical fingerprint sensor. The TCP/IP communication and traditional RS485, Wiegand in/out to provide higher flexibility and multiple communication options for different environments. Also with relay output, door contact and multiple I/O ports can be expanded with powerful access control systems.

Key Features

- Industrial High Speed CPU
- Max 3,000 Users, 100,000 Records
- Fingerprint Reader, Touch on Activation
- TCP/IP, Mini USB, USB Host, RS485, 1 Relay Output

- Wiegand output, Switch, Door Sensor,
- Tamper Alarm, Doorbell
- Internal Webserver
- Standard EM Card, Optional Mifare Card

Technical Specifications

Capacity		
	Max User	3,000
	Max Template	3,000
	Max Log	100,000
Inferface	Comm.	TCP/IP, Mini USB, USB Host, RS485
	Relay	1 Relay Output
	I/O	Wiegand output, Switch, Door Sensor, Tamper Alarm, Doorbell
Feature	Identification Mode	Fingerprint, Password, Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Webserver	Internal Webserver
	Software	Crosschex Cloud & APP

Hardware		
	CPU	Industrial High Speed CPU
	Sensor	AFOS Optical Sensor (Touch Active Sensor)
	Scan Area	22m*18mm
	Flash Memory	512MB
	RFID Card	Standard EM Card, Optional Mifare Card
	LCD	2.8" Color Screen
	Dimensions (WxHxD)	83.9x204.9x31mm (3.3x8.06x1.22")
	Temperature	-25℃~60℃
	Power	DC 12V

Fingerprint Card Password Webserver Access Control Self-Service Record Inquiry

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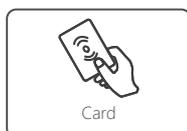
P7

PoE-Touch Fingerprint and RFID Access Control

P7 is a new generation access control device of Anviz. The P7 adopts touch activation technologies in the fingerprint sensor and keypad for easy for ease of operation. As an access control device, which are designed with PoE communication and access interface separation, the P7 is easy to install and reducing the labor cost. The powerful access control function is noteworthy for P7. Relay output for door control, Wiegand output and group, time zones. Multi communications with TCP/IP, RS485 and Mini USB port. The Alarm push function increases area security.

Key Features

- Easy Installation
- Touch Activated Keypad
- Fingerprint Reader, Touch on Activation
- PoE (IEEE802.3af and IEEE802.3at)

- RS485, Mini USB, TCP/IP
- Group, Time Zone, Direct Lock Control,
- Scheduled Bell, Wiegand In/Out, Door Sensor
- Standard EM Card, Optional Mifare Card

Technical Specifications

Capacity	Max User	3,000
	Max Template	3,000
	Max Log	50,000
Inferface	Comm.	TCP/IP, RS485, Mini USB
	I/O	Group, Time Zone, Wiegand In&Out, Direct Lock Control, Scheduled Bell, Door Sensor
Feature	Identification Mode	Fingerprint, Password, Card
	Verification Speed	<0.5 Sec
	Voice and Interface	Multicolor LEDs and Buzzer
	Software	Anviz Crosschex Standard

Hardware	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card Reader	Stamdard EM
	Card Read Range	0.8 to 3.1 in. (20 to 80 mm)
	Dimensions(WxHxD)	50 x 124 x 34.5mm
	Temperature	-40℃~60℃
	Power	DC 12V
	Accessory	SC011(Controller)

High Precision OLED Display

Touch Keypad& Sensor

Power Over Ethernet

Access Control Equipment

CrossChex

Push

VF30/VP30

Fingerprint & RFID Access Control

VF30 (fingerprint) / VP30 (RFID) are professional access control products designed for small to medium enterprises requirement of security. They integrate fingerprint identification, RFID, tamper alarm, time attendance and access control functions, with fashion and elegant appearance and reliable structure.

Key Features

- ▶ Standard EM Card reader. Optional Mifare Card Reader
- ▶ RS485, Mini USB, TCP/IP
- ▶ Group, Time Zone, Direct Lock Control, Scheduled Bell, Message Function, Relay Out, Wiegand In/Out, Doorbell, Door Sensor

- ▶ Support wiegand26 input/output
- ▶ Optional SC011 or any Other Standard Access
- ▶ Controller for Separate Type Secure Access Control System

Technical Specifications

Capacity	Fingerprint Capacity	2,000(VF30)
	Card Capacity	2,000(VF30) 20,000(VP30)
	Log Capacity	50,000(VF30) 20,0000(VP30)
Inferface	Comm.	TCP/IP, RS485, Mini USB
	Relay	Relay Output
	I/O	Wiegand Out, Door Open Sensor, Tamper Alarm
Feature	Identification Mode	Fingerprint, Password, Card(VF30); Password, Card(VP30);
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	16 Customizable time and attendance status
	Password	6 Digit Password
	Workcode	6-digit work code
	Message	50
	Software	Anviz Crosschex Standard

Hardware	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card	Standard EM Card, Optional Mifare Card
	Dimensions	80(w)*180(h)*40d)mm
	Temperature	-30℃~60℃
	Power	DC 12V

Waterproof Dustproof Fingerprint Sensor	2,000 Fingerprint Capacity	Access Control Equipment	Mini USB	TCP/IP	Card Standard EM Card, Optional Mifare

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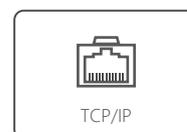
T60

Fingerprint Access Control

T60 is a professional fingerprint access control system which fully integrates LCD, keypad, optical fingerprint sensor, card reader and professional access control components. The very compact design makes it suitable for installation on doorframes.

Key Features

- 32-Bit High Speed CPU
- Management Card Registration
- 2,000 Fingerprints, 50,000 Records
- Touch Wakeup Sensor

- TCP/IP, RS485, Mini USB
- Direct Lock Control, Wiegand Out, Door Open Sensor
- FP, Card, FP+Card
- Standard 125KHz EM, Optional Mifare Card

Technical Specifications

Capacity	Fingerprint Capacity	2,000
	Log Capacity	50,000
Inferface	Comm.	TCP/IP, RS485, Mini USB, Option GPRS
	Relay	2 Relays Output
	I/O	Wiegand26 In&Out, Door Open Sensor
Feature	Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8 Customizable time and attendance status
	Realtime Transfer	Yes
	Password	6 Digit Password
	Workcode	6
	Short Message	Yes
	Daylight Saving	Yes
	Software	Anviz Crosschex Standard

Hardware	CPU	32-bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card	125KHz EM, Option Mifare
	Dimensions(W*H*D)	90*200*35mm(3.5x7.8x1.37')
	Temperature	-30℃~60℃
	Power	DC 12V

Waterproof Dustproof Fingerprint Sensor	2,000 Fingerprint Capacity	Access Control Equipment	Network IP Connection	Optional GPRS	Card Internal Proximity Card Reader

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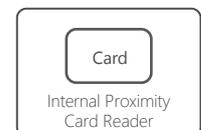
OA1000 Pro Series

Multimedia Fingerprint & RFID Terminal

OA1000 Mercury Pro   OA1000 Pro   OA1000 URU Pro

Key Features

- ▶ Dual Core 1.0GHZ High Speed CPU
- ▶ Anviz AFOS Fingerprint Sensor(OA1000 Pro)
- ▶ 10000 Fingerprints, 100000 Records(OA1000 Pro)
- ▶ Linux, 3.5" HD TFT LCD, 1.3MP camera
- ▶ Display Fingerprint & User Picture, Snapshot
- ▶ Employee Self-Service Record Inquiry

- ▶ RS232, RS485, USB Host, TCP/IP, SD Card (4G)
- ▶ Dual Relays Output, Wiegand In & Out, 16 Groups, 32 Time Zones
- ▶ FP, Card, ID+FP, ID+PW, PW+Card, FP+Card, FP+PW
- ▶ Standard EM RFID, Optional HID iClass&Mifare
- ▶ Mifare Card Reader/WiFi/3G

Finger Senser

AFOS
- • Waterproof
- • Dust proof
- • Scratchproof
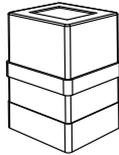
Lumidigm
- • Wet Fingerprint
- • Dirty Fingerprint
- • Oil Fingerprint

digitalPersona
360°
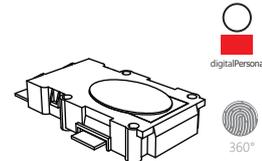
▶ **AF0S**

The high quality optical imaging glass results in improved image. Antireflective and wear resistant plate enhances the durability. The fully sealed sensor offers the weather resistance and durability.

▶ **Lumidigm**

The Lumidigm fingerprint sensor adopts multispectral imaging technology is that it virtually eliminates common real world problems experienced by conventional fingerprint sensors.

▶ **URU**

The digital Person fingerprint sensor utilizes optical fingerprint scanning technology for superior image quality and product reliability.

| Linux | Realtime Snapshot | Dual-core 1GHz CPU | WiFi (Optional) | 3G (Optional) | Card — EM Card, Optional Mifare/iClass |

CE   FC   RoHS COMPLIANT
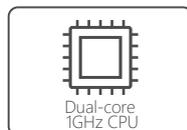
Model Line

Model	OA1000 Pro	OA1000 Mercury Pro		OA1000 URU Pro	
Sensor	AFOS	Lumidigm		URU	
Algorithm	BioNANO	Lumidigm	BioNANO	U.ARE.U Algorithm	BioNANO
Fingerprint Template Capacity	10,000(1:N)	1,000(1:N)	10,000(1:N)	1,000(1:N)	10,000(1:N)
	200,000(1:1)	50,000(1:1)	50,000(1:1)	50,000(1:1)	50,000(1:1)
Scan Area(W * H)	18x22mm (0.7x0.86")	13.9x17.4mm (0.54x0.68")		14.6mmx18.1mm (0.57x0.71")	
Dimensions(W * H * D)	180x137x40mm (7.08x5.39x1.57")	180x137x50mm (7.08x5.39x1.97")		180x137x40mm (7.08x5.39x1.57")	

Technical Specifications

Capacity	Log Capacity	200,000
	User Photo Capacity	7500 Pictures, Support 16G SD Card
Inferface	Comm.	TCP/IP, RS232, USB Host, Optional WIFI, 3G
	Internal Relay	2 Relays Output (Directly Lock control & Alarm output)
	I/O	Wiegand26 In&Out, Door Sensor, Switch Open
Feature	Support RFID Card	125KHZ EM Option 13.56MHZ Mifare , HID iClass
	Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
	Identification Time	1: 10,000 <0.5 Sec
	Webserver	Internal Webserver
	Image Display	User Photo & Fingerprint Image
	Short Message	50
	Scheduled Bell	30 Scheduleds
	Self-service Record Inquiry	Yes
	Groups & Time Schedules	16 Groups, 32 Time Zones
	Firmware Update	USB Flash Drive, TCP/IP, Webserver
Hardware	CPU	Dual Core 1GHz CPU
	OS	Linux platform
	Scan Area	22mm*18mm
	Resolution	500 DPI
	LCD	3.5 Inch TFT Display
	Camera	1.3 Million Pixel Camera
	Temperature	Preferred Operating: -20℃ ~ 60℃ Preferred Storage: 0℃ ~ 50℃
	Humidity	20% to 90%
	Operating Voltage	DC 12V

Features

► Dual Core high speed CPU, large memory support 10,000 FP Templates

► Less than 0.5s rapidly verification speed (1:10,000)

► 1.3Million Camera capture verifier's photo for event backup

► Internal Webserver for device quick set and records check

► TCP/IP, WIFI, 3G and RS485 multi communication modes

► Dual Relays both for door control and linkage with alarm system

► Provide complete Development Kit to build exclusive application platform(SDK, EDK, SOAP)

► Supports a variety of third-party modules, to meet different project requirement(Mercury, U.ARE.U, HID iClass)

Network Topology Illustration

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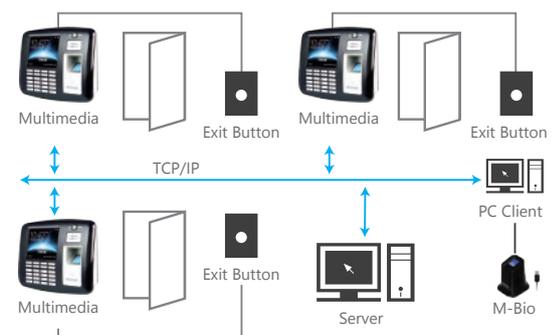
TC550

Fingerprint & RFID Time Attendance and Access Control

TC550 multi-functional wall mounted fingerprint & RFID time attendance and access control utilizes BioNANO core fingerprint algorithm with high speed and stability. Easy operation and installation. Voice prompt. Standard USB Host, Mini USB, TCP/IP.

Key Features

- ► 32-Bit High Speed CPU
- ► 2,000 Fingerprints, 50,000 Records
- ► RS232, Mini USB & USB Host, TCP/IP
- ► 8 Customizable T&A States, 6-digit Work Code

- ► Group, Time Zone, Message Function, Relay
- ► Out, Scheduled Bell, Wiegand In & Out
- ► FP, Card, ID+FP, ID+PW, PW+Card, FP+Card, FP+PW
- ► Standard EM RFID, Optional Mifare Card

Technical Specifications

Capacity		
	Fingerprint Capacity	2,000
	Card Capacity	2,000
	Log Capacity	50,000
Inferface	Comm.	TCP/IP, USB Host, Mini USB, Optional RS232
	Relay	Relay Output
	I/O	Door Sensor, Switch, Wiegand26 In&Out
Feature	Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card, FP+PW
	Verification Speed	<0.5 Sec
	Fingerprint Image Display	Yes
	Self-defined Status	8 Customizable time and attendance status
	Short Message	50
	Scheduled Bell	30
	Groups & Time Schedules	16 Groups, 32 Time Zones
	Workcode	Yes
	Software	Anviz Crosschex Standard

Hardware		
	CPU	32-Bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card	Standard EM, Optional Mifare
	Dimensions(WxHxD)	125x189x35mm (4.9x7.4x1.4")
	Temperature	-30 C ~60 C
	Power	DC 12V

Waterproof Dustproof
Fingerprint Sensor

2,000 Fingerprint Capacity

Mini USB

Network IP Connection

Access Control Equipment

Card
EM Card, Optional Mifare/GPRS

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OC500

RFID Time Attendance and Access Control

OC500 proximity card time attendance and access control is standard USB Device, USB Host, TCP/IP, optional RS232. Dry contact , Wiegand26 input and output. 6-digit work code, 16 Groups, 32 time zones, 30 bell schedulers and 50 messages. OC500 has standard TCP/IP module.

Key Features

- 32-Bit High Speed CPU
- 20,000 Cards, 200,000 Records
- TCP/IP, RS232, Mini USB & USB Host
- 8 Customizable T&A States, 6-digit Work Code
- Group, Time Zone, Message Function, Relay Out, Scheduled Bell, Wiegand In & Out
- Card, ID+PW, PW+Card
- Standard EM RFID, Optional Mifare Card

Technical Specifications

Capacity		
	Card Capacity	20,000
	Log Capacity	20,000
Inferface	Comm.	TCP/IP, USB Host, Mini USB
	Relay	Relay Output
	I/O	Door Sensor, Switch, Wiegand26 In&Out
Feature	Identification Mode	Card, ID+PW, PW+Card
	Verification Speed	<0.5 Sec
	Self-defined Status	8 Customizable time and attendance status
	Short Message	50
	Scheduled Bell	30
	Groups & Time Schedules	16 Groups, 32 Time Zones
	Workcode	Yes
	Software	Anviz Crosschex Standard

Hardware		
	CPU	32-Bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card	Standard 125KHZ EM RFID, Optional 13.56MHZ Mifare
	Dimensions(WxHxD)	125x189x35mm (4.9x7.4x1.4")
	Temperature	-30℃~60℃
	Power	DC 12V

Waterproof Dustproof
Fingerprint Sensor

Card
20,000 Card Capacity

Mini USB

Network IP Connection

Access Control Equipment

Card
EM Card, Optional Mifare Card

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L100K Series
Home & Business Smart Lock

L100K/L100KD(L100KB)

The perfect combination of
fashionable appearance and modern,
intelligent technology.

Key Features

▶ L100K/L100KD(KB)　　▶ L100K　　▶L100KD(KB)

▶ Touch Active fingerprint sensor

▶ Intuitive Nixie Tube Display

▶ 99 Fingerprints, 99 PW

▶ Single Door Latch

▶ Reversible Handle

▶ High Security Deadbolt

▶ Optional ASSA566 Lock Body

L100K　　　　L100KB　　　　L100KD

▶ Corrosion-Resistant Metal Body
Stylish design, subjected to a 72h salt spray test

▶ Easy to Use and Manage
99 Users, LED indicator, Voice prompt

▶ Always-open mode
When you host a social event, people
frequently enter and exit the premise, this can be inconvenient. You can set
the lock to "always-open" mode. In this case, ID certification is not required.
Enjoy your party!

▶ Low-voltage alarm
Light and sound indicators provide two ways to notify you that the L100K
has a low battery. A door can still be opened 500 times once you are
notified of a low battery. This gives you enough time to change the
battery.

Fingerprint+Password
+Card

Mini USB
Communication

4 AA
30,000
Times
Low Power
Consumption

Backup Keys

DIY Handle

9V
battery
9V Emergency
Battery

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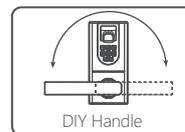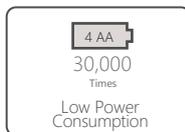
Technical Specifications

Item	Description	L100K/L100KB	L100KD
Credential	FingerPrint	99	99
	Mifare Card	Optional	Optional
	Password	99	99
	Mechanical Key	Yes	Yes
Fingerprint Part	Sensor	AFOS	AFOS
	Resolution	500 DPI	500 DPI
	Scan area	22mm*18mm	22mm*18mm
	Active mode	Automatic	Automatic
Specification	Front Dimensions(W x H x D)	70x150x38mm (2.75x5.9x0.22")	70x150x38mm (2.75x5.9x0.22")
	Handle Dimensions(W x H x D)	50x24x140mm (1.96x0.94x5.51") 44(D)*48(H)mm (1.73x1.89")	140(L)*24(H)* 50(W)mm 44(D)*48(H)mm (1.73x1.89")
	Material	Zinc alloy	Zinc alloy
	Handle type	Lever	Knob
	Bolt	Knob(optional) Latch bolt	Latch bolt
	Extral power interface	9V battery	9V battery
	Suitable Door thickness	30-60mm	30-60mm
	Power Supply	4*AA batteries	4*AA batteries
	Low-voltage alarm	3.8V	3.8V
	Door switch time	5s	5s
	Temperature	-10℃~40℃	-10℃~40℃
	Humidity	55% ~ 85%	55% ~ 85%

UltraMatch

Standalone Iris Recognition System

UltraMatch series products own a stylish design and robust performance. Adopting BioNANO algorithm, the system provides the most accurate, stable, and quickest iris recognition while delivering high-level security in biometric enrollment, individual identification, and access control.

Key Features

- Linux OS
- Dual-Core 1GHz CPU
- 150-1,000 Users, 50,000 Records
- OLED Screen
- Inbuilt Webserver, Online Registration
- Wiegand Out
- RFID
- TCP/IP, RS485, WiFi
- PoE(Optional)

Applications

Customs

Airport
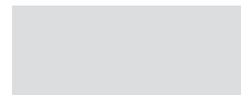
Law enforcement agency

Medical institutions

Financial institutions

Biometric Recognition Technology

Smart LED
Color LED

Dual-core 1GHz CPU

Mobile Management

Access Control Equipment

Card
EM Card, Optional iClass Card

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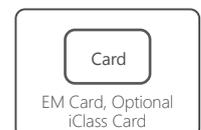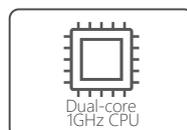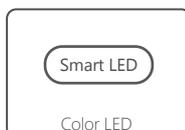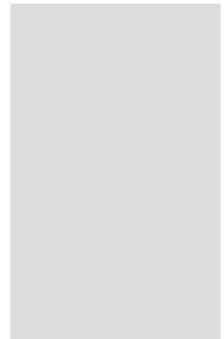
Model Line

	Model	S1000	S2000
Capacity	Number of user	150	1,000
	Log Capacity	50,000	100,000
Feature	Iris Capture	Single Iris Capture	Dual Iris Capture
	Capture Time	<2s	<1s

Technical Specifications

Inferface	Comm.	TCP/IP, RS485,Wifi	Hardware	CPU	Dual Core 1GHz CPU
	I/O	Wiegand 26, Anviz-Wiegand Output		OS	WinCE / Linux
Feature	Identification Mode	Iris, Card, Card+Iris		Scan Area	22mm*18mm
	Image Format	Rogressive Scan		Resolution	500 DPI
	Web Server	Support		LCD	Active Area 2.23 in.(128 x 32 mm)
	Wireless working mode	Access Point(Only for mobile device management)		Camera	1.3 Million Pixel Camera
	Temper Alarm	Support		RFID Crad	EM ID, Optional HID iClass SE Card
	Eye Safety	ISO/IEC 19794-6(2005&2011) / IEC62471: 22006-07		Dimensions	180x141x70 mm (7.09x5.55x2.76")
				Temperature	-30°C to 60°C
	Software	Anviz Crosschex Standard		Humidity	20% to 90%
				Power	DC 12V 2A
				Accessory	SC011

Unparalleled User Experience

▸ Visual Indication

Three color LED indicators prompt the user to place their eyes at the correct distance from the device, making the user experience easy and comfortable.

▸ Fast comparison

With BioNANO algorithm, the system identifies people in less than a second, and processes up to 20 people per minute.

▸ Wide Applicability

The UltraMatch works in all lighting environments, from bright illumination to total darkness. The system supports all eye colors.

Brown   Blue   Green

The UltraMatch can identify subjects even when they are wearing eyeglasses, most sunglasses, most types of contact lenses, and even face masks.
Iris recognition is more suitable than other biometric identification in certain environments. If one has a worn or injured fingerprints or wear gloves, the UltraMatch is better than fingerprint devices.

Sunglass   Glass   Veil   Mask

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T5 Pro

Fingerprint & RFID Access Control

T5 Pro is an innovative fingerprint card access controller which fully integrates fingerprint and RFID technology. The very compact design makes it suitable for installation on door frame. T5 Pro has standard Wiegand output to connect seamlessly with access controllers and relay output driver the electric lock directly.

Key Features

- ► 32-Bit High Speed CPU
- ► Management Card Registration
- ► 1,000 Fingerprints, 50,000 Records
- ► Infrared Finger Detect & Wakeup Sensor

- ► TCP/IP, RS485, Mini USB
- ► Direct Lock Control, Wiegand Out, Door Sensor
- ► FP, Card, FP+Card
- ► Standard EM RFID, Optional Mifare Card

Technical Specifications

Capacity	User Capacity	1,000
	Log Capacity	50,000
Inferface	Comm.	TCP/IP, RS485, Mini USB
	Relay	Relay Output
	I/O	Door Sensor / Switch, Wiegand26 Out
Feature	Identification Mode	Fingerprint/Card/Fingerprint+Card
	Wiegand Protocol	Multicolor LEDs and Buzzer
	Verification Speed	<0.5 Sec
	Software	Anviz Crosschex Standard

Hardware	CPU	32-Bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card	EM, Optional Mifare Card
	Dimensions(WxHxD)	145x55x37mm (5.7x2.16x1.45")
	Temperature	-30℃~60℃
	Power	DC 12V

|					
Waterproof Dustproof Fingerprint Sensor	1,000 Fingerprint Capacity	Mini USB	Network IP Connection	Access Control Equipment	Card EM Card, Optional Mifare Card

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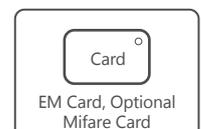
T5/T5S

Fingerprint & RFID Reader

T5 is an innovative fingerprint card access reader which fully integrates fingerprint and RFID technology. The very compact design makes it suitable for installation on doorframes. T5 has standard Wiegand output which allows for seamless connection with access controllers. T5 can easily update the existing card readers for a higher security level involving fingerprints and cards.

Technical Specifications

	Module	T5	T5S
Capacity	User Capacity	1,000	/
	Log Capacity	50,000	/
Inferface	Comm.	TCP/IP, RS485, Mini USB	RS485
	I/O	Wiegand26 Out	/

Feature	Identification Mode	FP, Card, FP+Card
	Sensor Wake Up Mode	Touch
	Wiegand Protocol	<0.5 Sec
	Software	Anviz Crosschex Standard
Hardware	CPU	32-Bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	RFID Card	EM, Optional Mifare
	Dimensions(WxHxD)	50x124x34.5mm (1.97x4.9x1.36")
	Temperature	-30 C ~60 C
	Power	DC 12V

Access Control Hardware Specifications

Category	Feature	M3	M5	P7	W2	VF30/VP30	T60
Main	RF Option	Stamdard Mifare Card, NFC, Mifare Pro and DesFire, Optional EM	Stamdard EM	Stamdard EM, Optional Mifare	Stamdard EM, Optional Mifare	Standard EM, Optional Mifare	Standard EM, Optional Mifare
Capacity	Max. User	2,000	2,000	3,000	3,000	20,000;(VF30) /	2,000
	Card Capacity	2,000	2,000	3,000	3,000	2,000 (VF30); 20,000 (VP30)	2,000
	Log Capacity	50,000	50,000	50,000	100,000	50,000(VF30); 200,000(VP30)	50,000
Interface	TCP/IP	Yes	Yes	Yes	Yes	Yes	Yes
	RS485	Yes	Yes	Yes	Yes	Yes	Yes
	USB Host	/	/	/	Yes	/	/
	Mini USB	Yes	Yes	Yes	Yes	Yes	Yes
	RS232	/	/	/	/	/	/
	Wifi	/	/	/	/	/	/
	PoE	/	/	Yes	/	Yes	/
	GPRS	/	/	/	/	/	Optional
	Relay	Relay Output	Relay Output	Relay Output	1 Relay Output	Relay Output	2 Relays Output
	I/O	Door Sensor / Switch	/	Door Sensor / Switch	Door Sensor,Switch,Tamper Alarm	Door Sensor / Switch	Door Sensor / Switch
	Wiegand	Wiegand26 Out	Anviz Wiegand	Wiegand In&Out	Wiegand In&Out	Wiegand In&Out	Wiegand26 In&Out
Features	Identification Mode	PW / Card	FP / Card	FP / PW / Card	FP / PW / Card	PW /Card	FP / PW / Card
	Verification Speed	<0.5 Sec	<0.5 Sec	<0.5 Sec	<0.5 Sec	<0.5 Sec	<0.5 Sec
	FP Image Display	/	/	Yes	Yes	/	Yes
	Self-defined Status	/	/	8	8	8	8
	Group, Time Zone	/	Yes	Yes	Yes	Yes	Yes
	Workcode	/	/	6	6	6	6
	WebServer	/	/	/	Yes	/	/
	Audible indication	Buzzer	Buzzer	Buzzer	Voice	Buzzer	Voice Prompt
	Scheduled Bell	/	/	Yes	Yes	Yes	Yes
	Language Support	/	/	Yes	Yes	Yes	Yes
	Software	Anviz Crosschex Standard	Anviz Crosschex Standard	Anviz Crosschex Standard	Anviz Cloud & APP	Anviz Crosschex Standard	Anviz Crosschex Standard
H/W	CPU	32-bit High Speed CPU	32-bit High Speed CPU	32-bit High Speed CPU	Industrial High Speed CPU	32-bit High Speed CPU	32-bit High Speed CPU
	Sensor	/	AFOS	AFOS	AFOS	AFOS(VF30); /(VP30)	AFOS
	Scan Area	/	22*18mm	22*18mm	22*18mm	22*18mm(VF30); /(VP30)	22*18mm
	LCD	/	/	128*64 OLED	2.8" Color Screen	128*64 White LCD	128*64 White LCD
	LED Indicator	Multi-color	Multi-color	Multi-color	Multi-color	Multi-color	Multi-color
	Sound	/	/	/	/	/	HI-FI Sound
	Dimensions(W x H x D)	47x124x22mm(1.85x4.9x0.86")	50x124x34.5mm(1.97x 4.88 x 1.36")	54×170×41mm(2.13×6.7×1.61")	83.9x204.9x31mm(3.3x8.06x1.22")	80x180x40mm(3.15x7.1x1.6")	90x200x35mm(3.5x7.8x1.37")
	Temperature	-40 C ~60 C	-40 C ~60 C	-30 C ~60 C	-25 C ~60 C	-30 C ~60 C	-30 C ~60 C
	Humidity	20% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%
	Power	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V
	Battery	/	/	/	/	/	/
	IP Rating	IP65	IP65	IP53	IP53	IP53	IP53

Access Control Hardware Specifications

OA1000 Pro	OA1000 Mecury Pro	OA1000 URU Pro	TC500	OC500	L100K	S1000	S2000	T5 Pro
Standard EM, Option Mifare, HID iClass			Standard EM, Optional Mifare	Standard EM, Optional Mifare	Optional Mifare	Standard EM, Optional HID iCLASS		Standard EM, Optional Mifare
10,000(1:N)	1,000(1:N) 50,000(1:1) Lumidigm	1,000(1:N) 50,000(1:1) U.ARE.U	2,000	20000	99	150	1,000	1,000
200,000(1:1)	10,000(1:N) 50,000(1:1) BioNANO	10,000(1:N) 50,000(1:1) BioNANO	2,000	20,000	99	150	1,000	1,000
200,000	200,000	200,000	50,000	200,000	50,000	50,000		50,000
Yes			Yes	Yes	/	Yes		Yes
/			/	/	/	Yes		Yes
Yes			Yes	Yes	/	/		/
/			Yes	Yes	Yes	/		Yes
Yes			Yes	Yes	/	/		/
Optional			/	/	/	Yes		/
/			/	/	/	/		/
/			/	/	/	/		/
2 Relays Output			Relay Output	Relay Output	/	/		Relay Output
Door Sensor / Switch			Door Sensor / Switch	Door Sensor / Switch	/	/		Door Sensor / Switch
Wiegand26 In&Out			Wiegand26 In&Out	Wiegand26 In&Out	/	Wiegand 26, Anviz-Wiegand Output		Wiegand26 In&Out
FP / PW / Card			FP / PW / Card	PW / Card	FP / PW	Iris / Card		FP / Card
<0.5 Sec			<0.5 Sec	<0.5 Sec	<0.5 Sec	<1 Sec		<0.5 Sec
Yes			Yes	/	/	/		/
8			8	8	/	/		/
Yes			Yes	Yes	/	/		Yes
6			6	6	/	/		/
Yes			/	/	/	Yes		/
Voice Prompt			Voice Prompt	Voice Prompt	Voice Prompt	Voice Prompt		/
Yes			/	/	/	/		/
Yes			Yes	Yes	/	Yes		/
Anviz Crosschex Stadard/Clound			Anviz Crosschex Standard	Anviz Crosschex Standard	/	Iris Management Software		Anviz Crosschex Standard
Linux Dual 1GHz CPU			32-bit High Speed CPU	32-bit High Speed CPU	32-bit High Speed CPU	ARM Dual 1GHz CPU		32-bit High Speed CPU
AFOS	Lumidigm	U.are.U	AFOS	/	AFOS	One Camera		AFOS
22m*18mm			22m*18mm	/	22m*18mm	/		22m*18mm
18x22mm(0.7x0.8')	13.9x17.4mm (0.54x0.68')	14.6x18.1mm (0.57x0.7'')	128*64 White LCD	/	Nixie tube	128*32 OLED		/
Multi-color			Multi-color	Multi-color	Multi-color	Multi-color		Multi-color
HI-FI Sound			HI-FI Sound	HI-FI Sound	/	HI-FI Sound		/
180x137x40mm (7x5.3x1.57'')	180x137x50mm (7x5.3x1.9')	180x137x40mm (7x5.3x1.57'')	125x189x35mm (4.9x7.4x1.4")"	"125x189x35mm (4.9x7.4x1.4")"	140*24*50mm(L100K)	180x141x70 mm (7.09x5.55x2.76'')		"50x124x34.5mm (1.97x4.9x1.36")"
-20℃~60℃			-30℃~60℃	-30℃~60℃	-10℃~40℃	-30℃~60℃		-30℃~60℃
20% to 90%			20% to 90%		55% to 85%	20% to 90%		20% to 90%
DC 12V			DC 12V	DC 12V	9V(Emergency)	DC 12V		DC 12V
/			/	/	4*AA Batteries	/		/
/			/	/	/	/		/

M-Bio

Mobile Fingerprint& Card Identification terminal

M-bio is a mobile device for fingerprint verification. The small design, internal rechargeable lithium battery and working standalone makes the fingerprint verification in your pocket.

Technical Specifications

Capacity	User Capacity	1,000
	Log Capacity	50,000
Inferface	Comm.	TTL (oc output) USB
Feature	Identification Mode	Fingerprint & RFID Crad
	Verification Speed	<0.5 Sec
	Communication Baud Rate	57600bps/Bluetooth

Hardware	CPU	32-Bit High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	Dimensions	21(w)*55(h)*25(d)mm
	Temperature	-10℃-40℃
	Humidity	45%RH~85%RH
	Power	3.6V-10V / 120mA

SM3000

Fingerprint Identification Module

SM3000 is Anviz new generation fingerprint module for time attendance, access control, lock and safe. SM3000 utilizes optical fingerprint sensor, which consists of high-performance CPU and Anviz self-develops BioNANO fingerprint algorithm .

Technical Specifications

Capacity	Template Storage	5,000
Inferface	Comm.	Mini USB, RS232
	I/O	Mini USB, TTL(57600bps)
Feature	Identification Mode	Fingerprint
	Verification Speed	<0.5 Sec

Hardware	CPU	Arm High Speed CPU
	Sensor	AFOS
	Scan Area	22m*18mm
	Resolution	500 DPI
	Dimensions	21(w)*55(h)*25(d)mm
	Temperature	-10℃-40℃
	Humidity	45%RH~85%RH
	Power	3.6V-10V / 120mA

CE FC RoHS COMPLIANT

AU123
Lock Power Supply

Single stable voltage type
Output signal delay adjustable from 0 to 35 seconds, 2 way DC output, with overload & short circuit protection, 2 way trigger signal input (switches, pulse signal)

H/W		
Dimension	200(w) x 160(h) x 73(d)mm
Input voltage	AC220V（Option AC110V）/50Hz
Output voltage	DC12V
Maximum current	3A
Weight	1.8kg

SC011
Access Controller

SC011 is a simple, secure and cost effective access controller with high security level. SC011 doesn't require any software, which makes it extremely easy to use. SC011 only accepts encrypted wiegand signal by Anviz to ensure high security level. Furthermore, its anti-thunder, anti-static electricity,short-circuit protection function makes SC011 outstanding among similar products.

Inferface	Wiegand	Anviz Encrypted Wiegand
	Relay	1
H/W	Size	70(w) x 55(h) x 25(d)mm
	Operating Voltage	DC 12V
	Electric Lock	1

Mini UPS
Backup Battery

Uninterruptible power supply, provides emergency power to a load when the input power source fails. 5V&12V two kinds mini UPS, compatible for all Anviz time attendance and access control models.

H/W	Power	2200mAH high capacity Li-ion battery
	Charge time	<4.0H
	Operating Voltage	DC 5V/12V
	Discharge time	≥3.0+0.5H

A-PoE-PD512
POE Splitter

A-PoE-PD512 splitter is an IEEE 802.3af standards-based remote powered device at a reasonable price, high performance and highly reliable. It is used to split the electric power and data signal which transmitted through network cable. A-PoE-PD512 supporting the use of power sourcing equipment(PSE) compliant with IEEE802.3af standard, to provide both data and power for network equipment that does not support PoE.

H/W		
	Dimension	200(w) x 160(h) x 73(d)mm
	Input voltage	AC220V（Option AC110V）/50Hz
	Output voltage	DC12V
	Maximum current	3A
	Weight	1.8kg

Rain Shield
T60/VF30/VP30 Rain Shield

A Rain shield offers increased protection for outdoor solutions.

H/W		
	Size	90(w) x 21(h) x 32(d)mm

Exit Button

Exit button typically placed inside door, will allow you to exit the door just as easily as you entered. All Anviz device which has access control function can connect with the exit button.

H/W		
	Size	80(w) x 80(h)mm

RoHS
COMPLIANT

AOC103
Electric Strike

Built-in installation with elegant appearance, in adoption of top-quality magnetic materrials and special processing technique for the electromagnetic part, which produces no residual magnetism after prolonged use.

H/W

Dimension	90(w) x 21(h) x 32(d)mm
Power	6V DC- 24V DC customizable, 120mA
Door-opening mode	90 degrees
Scope of Application	Office building, wooden door, stainless steel door, Fireproof door, Entrance and exit door

AML270
Magnetic Lock

Made from special magnetic materials in adoption of a particular processing technique that will not produce excessive magnetic after a prolonged period and the suck board will not be magnetized or cause a reduction of suction force from extensive use.

H/W

Size	253(w) x 25(h) x 48(d)mm
Operating Voltage	12V DC
Voltage	12/24V DC
Working current	500/250mA
Holding force	250 kg
Weight	1.8 kg

AEL200/201
Electric Lock

Built-in installation with elegant appearance, in adoption of top-quality magnetic materials and special processing technique for the electromagnetic part, which produce no residual magnetism after a long-time use and reduce failure and maintenance rate in combination of electronic, mechanic and dynamic theories for design and production accordingly.

H/W

Size	200(w) x 35(h) x 38(d)mm
Working current	650mA
Standby current	250mA
Holding force	1000kg
Weight	1.05 kg

RoHS
COMPLIANT

Surveillance

Anviz dedicates to offer professional and comprehensive security solutions. With the continuously growing demand of public and private security, Anviz announced the surveillance product line which was created based on the innovations of our optical and digital image processing technology. Combining the high-quality products and cost-effective security solutions, Anviz serves various clients from government, law, retail, industrial, commercial, financial, medical, education etc.

Anviz Cloud

Video Mosaic Technology

► Back-end Video Mosaic

This technology optimizes the images from multi-sensors and then seamlessly stitches and blends them at the boundaries to present you with a natural, continuous panorama image.

Multiple Channel Camera Mosaic

Before Stitching

After Stitching

Front-end Video Mosaic

Two- or four-eye Mosaic

► Intelligent Infrared

Based on environmental conditions, our cameras adjust brightness and the angle of infrared LED light automatically to avoid overexposure, inadequate lighting, and a large power state from prolonged use, providing clearer images and extending the life of IR LED.

Real Time Video Intelligence

Object Detection
Object left detection, object move detection, object disappear detection etc.

Environment Detection
Lens block detection, sound detection, defocus, scene change etc.

Behavior Analysis
Appearing, entering, leaving, staying, loitering, following detection etc.

Target Recognition
Face detection and recognition, license plate detection and recognition etc.

► Intelligent Face Detection

Face Detection takes the pattern recognition technology, which is free from the interference of background disturbances and accurately detects the quantity, position,size of human faces appeared in the image. Face detection can track a human face via intelligent tracking technology.With Anviz face detection technology a network camera can accurately detect human faces, capture facial images, or trigger an alarm.

Core Technology

- Ultra-short Focus and an Ultra-wide Angle
  The HI1401 is equipped with Anviz ultra-short focus and orthoscopic lens, providing an ultra-wide angle experience

- Remote/Auto Back Focus
  SuperView series supports remote adjustment of the back focus, and automatic focus which provides an easier installation and overall focus clarity.

Camera

Lens

Auto back focus
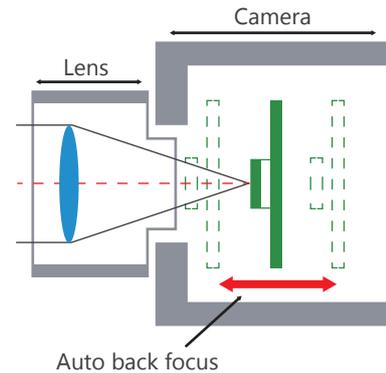
- Multifunctional Bracket

175°

Hidden bracket
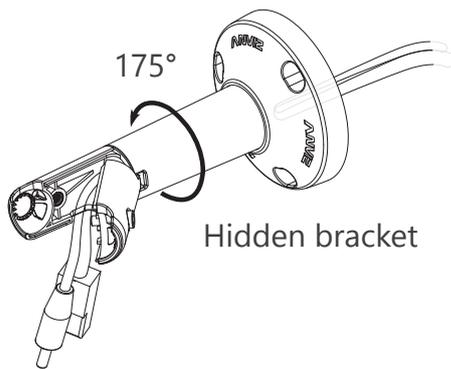
- Starlight Illumination
  Cameras can provide excellent images even in total darkness

- Anviz develops the ultra-short focus lens

  without distortion

Ordinary Lens

Anviz Low Distortion Lens

- Super Wide Dynamic Range
  Catch more details in both extremely dark and bright environmrnt
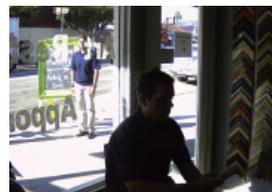
Ordinary Camera
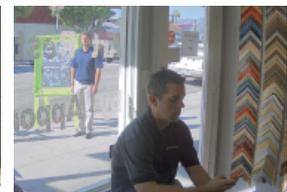
WDR Camera

Core Technology

▶ Defog

Through the Defog function, ShotView series can get clear images in foggy fields (For example: Sea port)

▶ Rigion of Interest

The ROI encoding method was developed to provide different compression levels between the ROI and background information in order to capture clearer key information without increasing the overall bitrate. The application of ROI encoding technology helps to conserve bandwidth and optimize the bitrate resource allocation, thus ensuring the image quality of the region of interest.

Region of interest   Low Quality   High Quality

▶ P-Iris Support

Provides precision control of aperture to get optimal depth of field of image under multiple lighting conditions.

Traditional Iris   P-iris

▶ Privacy Mask

Privacy mask enable the use of anonymization and limitation functionalities to provide additional privacy protection. This enables selected areas of a scene to be blocked or masked from viewing and recording.

▶ Motion Detection

The camera can detect motion while dwelling at a preset location to automatically track an intruder. Intelligent features include target zooming/size, tracking activation area, and time schedule.
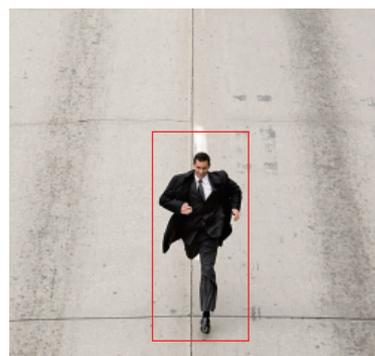
▶ 3D Noise Reduction

3DNR can reduce the noise interference of weak signal image. With 3DNR function, our cameras achieve delicate and clear images, which will benefit 7 * 24-hour monitoring.

Ordinary Camera   3DNR Camera

![ANVIZ - Intelligent . Security]
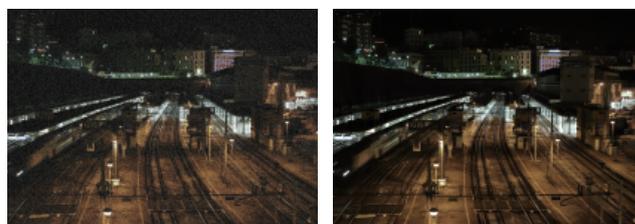
Naming Convention

IPC

OP2708-IRE OpenView 4MP 2.8-12mm IR WDR PoE

OP →	2 →	7 →	08 →	IRE
Model	**Series No.**	**Resolution**	**Lens**	**Functions**

Model	Resolution	Lens	Functions
EA : EasyView	1:<4CIF	00: No Lens	I : Built-in LED
HI : HiView	2: 4CIF	01: Fixed Focal Length<=3mm	Z : Motorized Lens
JU : JustView	3: 960H	02: Fixed 3mm<Focal Length<=4mm	R : WDR
OP : OpenView	4: 1MP	03: Fixed 4mm<Focal Length<=6mm	W : WIFI
SH : ShotView	5: 2MP	04: Fixed 6mm<Focal Length<=8mm	E : POE
SU : SuperView	6: 3MP	05: Fixed 8mm<Focal Length<=12mm	P : PAL
TO : TopView	7: 4MP	06: Fixed 12mm<Focal Length<=16mm	N : NTSC
	8: 5MP	07: Fixed Focal Length>16mm	A : Distinction bit
	9: 8MP	08: Vari Focal Zoom 2-4X 2.8-12mm	B : Distinction bit
		09: Vari Focal Zoom 2-4X 7-22mm	
		10-39: Vari Focal Zoom 10-39X	

NVR

NES127-8 Network EverStore 1.5U 32CH 8HDD

N →	ES →	1 →	2 →	7 →	8
Type	**Model**	**Series No.**	**Structure**	**Channel**	**HDD**

Type	Model	Structure	Channel	HDD
N: Network	MS: MiniStore	1. Desktop	1: 1ch	1. 1 HDD
D: Digital	TS: TurboStore	2. 1.5U	2: 2ch	4. 4 HDD
	ES: EverStore	3. Tower	3: 4ch	8. 8 HDD
			4: 8ch	
			5: 16ch	
			6: 24ch	
			7: 32ch	
			8: 64ch	
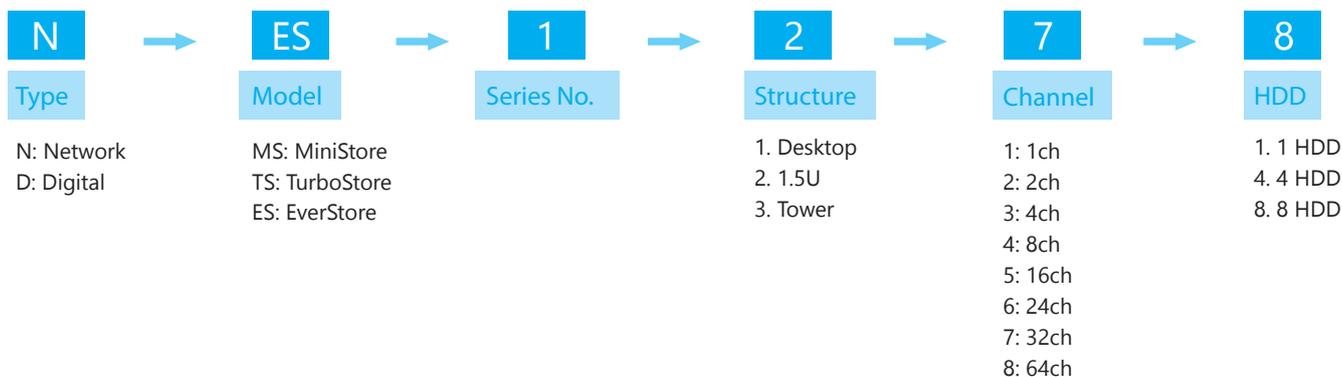
EasyView

Mini HD IR Network Camera

EasyView series is an economical and flexible mini dome HD network camera. 3-axis Gimbal and Cable Management provide an easier installation. The EasyView series can deliver a high quality megapixel imaging in both indoor and outdoor (Day/Night) applications.

Key Features

- High Definition up to 4M
- True Day/Night Functionality with Removeable IR Cut Filter
  IP66 Weather Proof Standard
- Smart H.264

- Intelligent Infrared Technology
- Privacy Mask
- Motion Detection
- Region of Interest

- Hidden IR and IR Shield
  The High Polymer IR shield can effectively increase the transmittance of infrared light and provide a better concealment.

IR Anti-reflection Shield

- Ease of Installation
  Easily adjustable with all directions

- IP66 Weather Proof Standard
  The high level of IP66 and outdoor design strengthen the reliability of EasyView series under harsh outdoor environment.

- F1.2 large apeture lens
  Equip with F1.2 large apeture lens, EasyView series have extreme light sensitivity to give more details in low-light conditions.

F1.6   F1.2

HD/FULL HD 720P/1080P   H.264 MJPEG   Motion   D/N   IP66   Smart IR   POE

Onvif

Technical Specifications

Type	EA4502-IRA	EA4502-IREA
Resolution	2 Megapixel	2 Megapixel
Image Sensor	1/3" CMOS	1/3" CMOS
Shutter Time	1/3s-1/100000s	
Frame rate	50HZ: 25fps(1280×720) 60HZ: 30fps(1280×720)	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080)
Lens	3.6mm/F2.0 m12	3.6mm/F1.2 m12
Horizontal Angle of View	77°	77°
Minimun Illumination	0.05 Lux (Color) / 0.005 Lux(B/W)	0.01 Lux (Color) / 0.001 Lux(B/W)
SN Ratio	>52dB	

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG, Smart H.264
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	IR-CUT
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Smart Recording	Support offline continuous transmission to ensure the video is not lost

IR	IR Range	20m
	IR Control	Intelligently adjust the IR brightness and angle according to scene
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
General	Operating Conditions	-30°C to 60°C (-22°F to 140°F)
	Power Supply	DC12V/PoE(802.3af)
	Power Consumption	MAX 12W
	Protection	IP66
	Weight	248g (0.55pounds)
	Dimensions	Φ92*65mm (Φ3.6"*2.6")
	Safety Certifications	CE, FCC, RoHS

65.1mm(2.6")

Φ92.4mm(3.6")
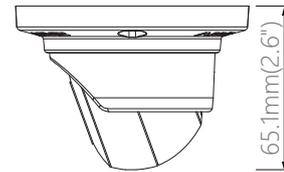
Technical Specifications

Type	EA4502-IRB	EA4502-IREB
Resolution	2 Megapixel	2 Megapixel
Image Sensor	1/3" CMOS	1/3" CMOS
Shutter Time	1/3s-1/100000s	
Frame rate	50HZ: 25fps(1280×720) 60HZ: 30fps(1280×720)	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080)
Lens	3.6mm/F1.6 m12	3.6mm/F1.2 m12
Horizontal Angle of View	77°	77°
Minimun Illumination	0.05 Lux (Color) / 0.005 Lux(B/W)	0.01 Lux (Color) / 0.001 Lux(B/W)
SN Ratio	>52dB	

|		
Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG, Smart H.264
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	IR-CUT
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Smart Recording	Support offline continuous transmission to ensure the video is not lost

IR	IR Range	20m
	IR Control	Intelligently adjust the IR brightness and angle according to scene
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
General	Operating Conditions	-30°C to 60°C (-22°F to 140°F)
	Power Supply	DC12V/PoE(802.3af)
	Power Consumption	MAX 12W
	Protection	IP66
	Weight	315g (0.69pounds)
	Dimensions	Φ69*146mm (Φ2.7"*5.7")
	Safety Certifications	CE, FCC, RoHS

146.3mm(5.7")

69.2mm(2.7")

65mm(2.6")
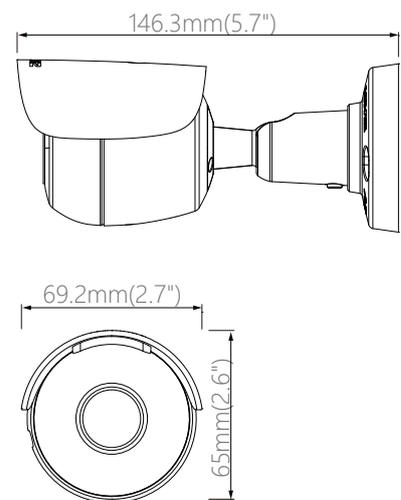
HiView

Smart HD Mini Box Network Camera

HiView series HD network cameras provide high quality color images in low-light environments by using the built-in LED white lights and high sensitivity sensor. The optional Wi-Fi with WPS security ensures stability and wireless connection, which is free from the confines of wired installations. HiView is optimized for narrow viewing areas, such as supermarket aisles and hotel hallways.

Key Features

- High Definition up to 2M
- Smart Edge Storage
- Built-in WiFi
- Built-in LED White Lights
- Smart H.264

- Starlight Illumination
- Privacy Mask
- Motion Detection
- Region of Interest

- 90 Degree Rotation Corridor Mode
  The 90 degree rotation corridor mode can effectively maximize the usable coverage of narrow areas

  Ordinary Mode   Corridor Mode

- Ultra wide angle lens
  HiView is equipped with an ultra wide angle lens, provide additional 50% angle of view than normal 3.6mm lens

  HiView lens
  Normal 3.6mm lens

- 24/7 Vivid Color Video
  The HiView Provide Vivid color video in nearly 0 lux environments with an ultra-wide Horizontal angle of 114°

  Color all day

  Day   Night

Advanced distortion correction technology
Thanks to the advanced distortion correction technology, HiView can provide a perfect wide angle solution

Without distortion correction   Apply distortion correction

HD/FULL HD
720P/1080P

H.264
MJPEG

Motion

100°
Viewing Angle

Corridor Format

POE

WiFi/WPS

Micro
SD Card

Onvif
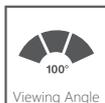
Technical Specifications

Type	HI4502-IE	HI4502-IWE	HI2701-IE
Resolution	2 Megapixel	2 Megapixel	2 Megapixel
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Shutter Time	1/3s-1/100000s	1/3s-1/100000s	1/3s-1/100000s
Frame rate	50HZ: 25fps(1280×720)	50HZ: 25fps(1280×960)	50HZ: 25fps(1920×1080)
	60HZ: 30fps(1280×720)	60HZ: 30fps(1280×960)	60HZ: 30fps(1920×1080)
Minimun Illumination	0.1 Lux (Color) / 0.01 Lux(B/W)	0.05 Lux (Color) / 0.005 Lux(B/W)	0.01 Lux (Color) / 0.001 Lux(B/W)
SN Ratio	>50dB	>52dB	>52dB
Lens	2.4mm/F2.0	2.3mm/F2.0	2.3mm/F2.0
	m12	m12	m12
Horizontal Angle of View	85°	105°	105°
LED Range	N/A	10m	10m

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG, Smart H.264
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	AUTO
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection
	Smart Recording	Support offline continuous transmission to ensure the video is not lost
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Alarm Trigger	Network disconnect, IP address conflict, Storage exception, Illegal access

WIFI	Wireless Standard	E802.11b, 802.11g, 802.11n
	Transmission Distance	Outdoor: 100m
		Indoor: 40m (vary with the environment)
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
	SD Card	Built-in SD card slot, supports Micro SD / SDHC / SDXC card (up to 64G)
General	Operating Conditions	-10°C to 50°C (14°F to 122°F)
	Power Supply	DC5V/PoE(802.3af)(-E model)
	Power Consumption	MAX 5W
	Weight	234g (0.51pounds)
	Dimensions	Φ74*178mm (Φ2.9"*7.0")
	LED Range	10m
	Safety Certifications	CE, FCC, RoHS

50mm(2.0")

178.4mm(7.0")

85.9mm(3.4")

Φ74.3mm(2.9")

![ANVIZ Intelligent . Security]
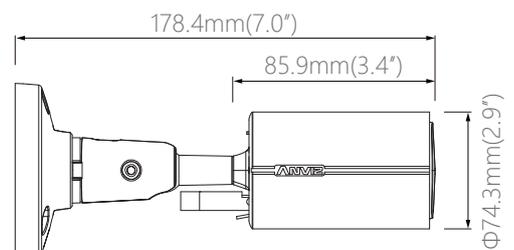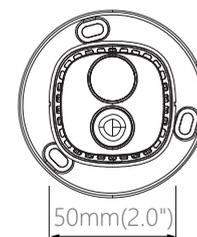
JustView

Hidden HD Micro IR Dome Network Camera

JustView series is a flat profile micro dome cameras that support audio and video synchronous recording. The optional PoE or WIFI eliminates the need for separate power cables which makes the installation easier. JustView series is hardly noticeable for locations that require a small camera appearance with discrete monitoring and true Day/Night functionality.

Key Features

- High Definition up to 4M
- True Day/Night Functionality with Removeable IR Cut Filter
- Built-in Hi-sensitivity Mic
- Smart H.264

- Smart Edge Storage
- Privacy Mask
- Motion Detection
- Region of Interest

- **IR Anti-reflection Shield**
  High Polymer IR anti-reflection shield can effectively increase the transmittance of infrared light
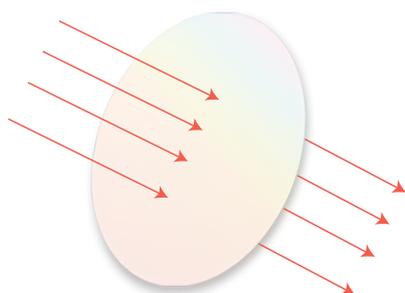
- **Built-in Hi-sensitivity Mic**
  The JustView has a built-in microphone, eliminating the need to install separate audio connectors on site.

Mic

HD/FULL HD 720P/1080P	H.264 MJPEG	Motion	Smart IR	Audio	Micro SD Card	POE	WiFi/WPS

Onvif

Technical Specifications

Type	JU4502-IWRE	JU4502-IRE	JU2702-IRE
Resolution	2 Megapixel	2 Megapixel	4 Megapixel
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS
Shutter Time	1/3s-1/100000s	1/3s-1/100000s	1/3s-1/100000s
Frame rate	50HZ: 25fps(1280×720) 60HZ: 30fps(1280×720)	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080	50HZ: 20fps(2560×1440) 60HZ: 20fps(2560×1440)
Lens	0.1 Lux (Color) / 0.01 Lux(B/W) >52dB	0.01 Lux (Color) / 0.001 Lux(B/W) >52dB	0.05 Lux (Color) / 0.005 Lux(B/W) >52dB
Horizontal Angle of View	4mm/F1.6	4mm/F1.6	4mm/F1.6
Minimun Illumination	m12	m12	m12
SN Ratio	77°	77°	77°

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG, , Smart H.264
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
	Audio Compression	G.711(64Kbps)
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	IR-CUT
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection
	Smart Recording	Support offline continuous transmission to ensure the video is not lost
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Alarm Trigger	Network disconnect, IP address conflict, Storage exception, Illegal access

WIFI	Wireless Standard	E802.11b, 802.11g, 802.11n
	Transmission Distance	Outdoor: 100m Indoor: 40m (vary with the environment)
IR	IR Range	20m
	IR Control	Intelligently adjust the IR brightness and angle according to scene
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
	Audio	1 Mic in
	SD Card	Built-in SD card slot, supports Micro SD / SDHC / SDXC card (up to 64G)
General	Operating Conditions	-10°C to 50°C (14°F to 122°F)
	Power Supply	DC12V/PoE(802.3af)(-E model)
	Power Consumption	MAX 12W
	Weight	155g (0.34pounds)
	Dimensions	Φ100*48mm (Φ3.94"*1.89")
	Safety Certifications	CE, FCC, RoHS

48mm(1.9")
20.9mm(0.8")
100.4mm(3.9")

SuperView

Professional HD Box Network Camera

SuperView is a professional series, providing an easier operation and maintenance by its remote back focus function. The high performance WIFI with external antenna makes it an exceptional performance and ease of installation. The SuperView series is ideal for any indoor or outdoor environment that needs high performance video surveillance.

Key Features

- Professional-grade Lenses Applications
- True Day/Night Functionality with Removable IR Cut Filter
- Remote/Auto Back Focus
- Two-way Audio and Built-in Microphone
- Super Wide Dynamic Range
- Configurable Alarm In/Outputs

- Smart Edge Storage
- Support WIFI
- Privacy Mask
- Motion Detection
- Region of Interest

- Starlight Illumination
  Cameras can provide excellent images even in total darkness

Ordinary Camera   SuperView

- Remote/Auto Back Focus
  SuperView series supports remotely adjust the back focus and automatic focus which provides an easier installation and more accurate focus

Lens   Camera

Auto back focus

| HD/FULL HD 720P/1080P | H.264 MJPEG | D/N | Motion | Linkage Alarm | AUTO 3A Control | Audio | POE | Micro SD Card |

Onvif
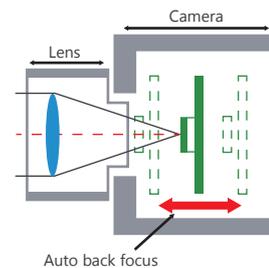
Technical Specifications

Type	SU1408-E	SU1508-E	SU2508-RE	SU2808-E
Resolution	1 Megapixel	2 Megapixel	2 Megapixel	5 Megapixel
Image Sensor	1/3" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/3" CMOS
Shutter Time	1/3s-1/100000s			
Frame rate	50HZ: 25fps(1280×960) 60HZ: 30fps(1280×960)	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080)	50HZ: 25fps(2560×1440) 60HZ: 30fps(2560×1440)	50HZ: 25fps(2592×1944) 60HZ: 30fps(2592×1944)
Lens	2.8-12mm/F1.4 C/CS	2.8-10mm/F1.6 C/CS	2.8-10mm/F1.6 C/CS	2.8-10mm/F1.6 C/CS
Horizontal Angle of View	25°- 90°	32°-94°	32°-94°	32°-94°
Minimun Illumination	0.05 Lux (Color) / 0.005 Lux(B/W)		0.01 Lux (Color) / 0.001 Lux(B/W)	
SN Ratio	>54dB			
Focus	Support ABF auxiliary focus, remote zoom			

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS	WIFI	Wireless Standard	E802.11b, 802.11g, 802.11n
				Transmission Distance	Outdoor: 150m Indoor: 50m (vary with the environment)
	Interface Protocol	ONVIF	Interface	Ethernet	RJ-45 (10/100/1000Base-T)
	Multistream	Support main stream and sub stream		Audio	1 line in/1 line out, 1 Mic in
Compression	Video Compression	H.264/MJPEG		Alarm	1 in/1 out
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile		SD Card	Built-in SD card slot, supports Micro SD / SDHC / SDXC card (up to 64G)
	Compression Output Bitrate	32 Kbps~8Mbps		RS485	Support
	Audio Compression	G.711(64Kbps)	General	Operating Conditions	-30°C to 60°C (-22°F to 140°F)
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser		Power Supply	DC12V/AC24V/PoE(802.3af)(-E model)
				Power Consumption	MAX 12W
	Day/Night	AUTO		Weight	350g (0.77pounds)
	BLC	Support		Dimensions	Φ43.7*70.2*113mm (Φ1.7"*2.8"*47")
	WDR	Support		Safety Certifications	CE, FCC, RoHS
	DNR	3D DNR	Accessories (Optional)	B1401 Wall Mount Bracket	C1401 IP66 Housing
	Privacy Mask	Support maximum 4 areas in one picture, various colors available			
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection			
	Smart Recording	Support offline continuous transmission to ensure the video is not lost			
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP			
	Smart Encoding	Support low delay rate, ROI			
	Alarm Trigger	Network disconnect, IP address conflict, Storage exception, Illeigal access			

113mm(4.4") 43.7mm(1.7") 70.2mm(2.8") 169.3mm(6.7") Ø74.3mm(2.9") Φ74.3mm(2.9")

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OpenView

IP67 HD IR Bullet Network Camera

The OpenView Series HD bullet camera is designed for outdoor installation for its heat dissipation. The efficient all-in-one design makes an easier installation with ultra-stable performance. The OpenView is the perfect solution for the harsh outdoor environment.

Key Features

- High Definition up to 4M
- IP67 and Vandal-Resistant Housing
- Easily Lens Adjustment
- Broad-Band Anti-Refection Optical Glass Window

- Privacy Mask
- Motion Detection
- Region of Interest
- Super Wide Dynamic Range

▶ **IP67 Design and a Wide Temperature Range**
The high level of IP67 and outdoor design strengthen the reliability of OpenView series under harsh outdoor environment

▶ **Smart Focus System**
To make an easier installation, Openview series uses a stepper motor lens, to make sure the installer can remotely control the focal length and focus accurately by adjusting the interface

Auto Focus
Focus
Zoom
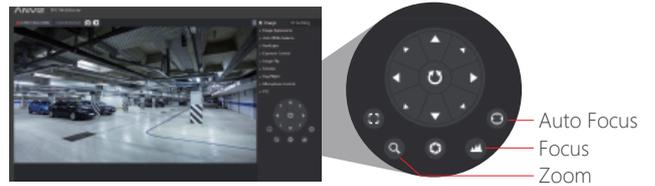
▶ **Intelligent Infrared Technology**
Built-in multi-angle infrared lights can automatically match with various focal length to ensure a perfect fill light

IR

Angle of View
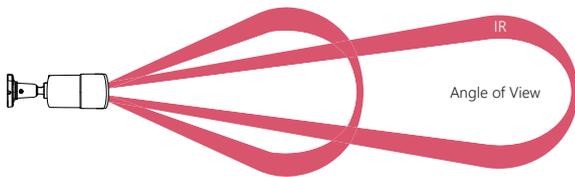
▶ **Quick Install**
With one screw to fix the rotation of all angles, the installation of the bullet camera is easier for users

Ordinary Camera   OpenView

| HD/FULL HD 720P/1080P | H.264 MJPEG | IP67 | D/N | Smart IR | Motion | Linkage Alarm | AUTO Police 3A Control | Audio | POE | Micro SD Card |

Onvif

Technical Specifications

Type	OP2508-IRE	OP2508-IZRE	OP2708-IRE	OP2708-IZRE
Resolution	2 Megapixel	2 Megapixel	4 Megapixel	4 Megapixel
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Shutter Time	1/3s-1/10,000s	1/3s-1/10,000s	1/3s-1/10,000s	1/3s-1/10,000s
Frame rate	50HZ: 25fps(1280×720) 60HZ: 30fps(1280×720)	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080)	50HZ: 20fps(2560×1440) 60HZ: 20fps(2560×1440)	50HZ: 20fps(2560×1440) 60HZ: 20fps(2560×1440)
Minimun Illumination	0.1 Lux (Color) / 0.01 Lux(B/W)	0.01 Lux (Color) / 0.001 Lux(B/W)		
SN Ratio	>54dB			
Lens	2.8-12mm/F1.4 Φ14 / P-Iris(-Z Model)			
Horizontal Angle of View	27°- 92°			
Focus	Support auto focus, remote zoom（Optional）			

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
	Audio Compression	G.711(64Kbps)
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	IR-CUT
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Alarm Trigger	Network disconnect, IP address conflict, Storage exception, Illeigal access

IR	IR Range	50-70m
	IR Control	Intelligently adjust the IR brightness and angle according to scene
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
	Audio	1 line in/1 line out
	Alarm	1 in/1 out
	SD Card	Built-in SD card slot, supports Micro SD / SDHC / SDXC card (up to 64G)
General	Operating Conditions	-30°C to 60°C (-22°F to 140°F)
	Power Supply	DC12V/PoE(802.3af)
	Power Consumption	MAX 12W
	Protection	IP67 ESD 6000V Lightning Protection, anti-surge
	Weight	1066g (2.35pounds)
	Dimensions	Φ96*269mm (Φ3.8"*10.6")
	Safety Certifications	CE, FCC, RoHS

94.8mm(3.7")
96.2mm(3.8")
268,9mm(10.6")

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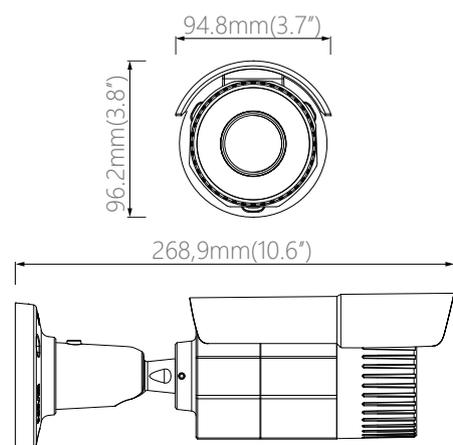
Top*View*

IK10/IP66 HD IR Dome Network Camera

TopView series is a high-performance fixed HD dome network camera up to 5MP. TopView uses the highest performance-critical components, sensors and embedded platforms which is available to meet the most demanding specification requirements in professional level installations. Equipped with full range IR LEDs and Super WDR function, TopView delivers exceptional video quality and performance in various lighting situations. On-board embedded RVI algorithm ensures an efficient identification of video information, such as face detection, behavioral analytics etc.

Key Features

- ► High Definition up to 4M
- ► Remote Focus/Zoom Motorized P-Iris Lens
- ► Intelligent Infrared Technology
- ► True Day/Night Functionality with Mechanical IR Cut Filter
- ► Power over Ethernet (PoE)

- ► IP66 and IK10
  TopView series is equipped with dust-proof, waterproof and anti-destructive cover to make sure the well function at any time

- ► The embedded RVI (Real time Video Intelligence) algorithm
- ► Two-way Audio and Built-in Microphone
- ► Smart Edge Storage
- ► Easily Adjustable 3-axis Gimbal with 360° Pan, 90° Tilt
- ► Full Range IR design

- ► Super Wide Dynamic Range
  Catch more details in both extremely dark and bright environment

Ordinary Camera   WDR Camera

- ► All direction IR design
  All direction IR design can effective to avoid the dark corner of image and provide better performance than traditional IR illumination
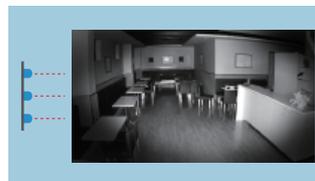
All direction IR design   Traditional IR illumination

- ► Built-in Hi-sensitivity Mic
 The TopView has a built-in microphone, eliminating the need to install separate audio connectors on site

| HD/FULL HD 720P/1080P | H.264 MJPEG | Motion | WDR | Vandal Resistant | D/N | AUTO 3A Control | Smart IR | Linkage Alarm | Audio | P.OE | Micro SD Card |

Onvif

Technical Specifications

Type	TO2508-IRE	TO2508-IZRE	TO2708-IRE	TO2708-IZRE
Resolution	2 Megapixel	2 Megapixel	4 Megapixel	4 Megapixel
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Shutter Time	1/3s-1/100000s			
Frame rate	50HZ: 25fps(1280×720) 60HZ: 30fps(1280×720)	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080)	50HZ: 20fps(2560×1440) 60HZ: 20fps(2560×1440)	50HZ: 20fps(2560×1440) 60HZ: 20fps(2560×1440)
Minimun Illumination	0.1 Lux (Color) / 0.01 Lux (B/W)	0.01 Lux (Color) / 0.001 Lux (B/W)		
SN Ratio	>54dB			
Lens	2.8-12mm/F1.4 Φ14 / P-Iris(-Z Model)			
Horizontal Angle of View	27°- 92°			
Focus	Support auto focus, remote zoom（Optional）			

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
	Audio Compression	G.711(64Kbps)
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	IR-CUT
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection, intrusion detection, cross-border detection, entrance detection, leaving detection, objects left detection, objects taken detection, audio anomaly detection, video mask detection
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Alarm Trigger	Network disconnect, IP address conflict, Storage exception, Illeigal access

IR	IR Range	30-50m
	IR Control	Intelligently adjust the IR brightness according to scene
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
	Audio	1 line in/1 line out, 1 Mic in
	Alarm	1 in/1 out
	SD Card	Built-in SD card slot, supports Micro SD / SDHC / SDXC card (up to 64G)
General	Operating Conditions	-30°C to 60°C (-22°F to 140°F)
	Power Supply	DC12V/PoE(802.3af)
	Power Consumption	MAX 12W
	Protection	IP66/IK10 ESD 6000V Lightning Protection, anti-surge
	Weight	1128g (2.49pounds)
	Dimensions	Φ156*110mm (Φ6.1"*4.3")
	Safety Certifications	CE, FCC, RoHS

Φ155.9mm(6.1")
110mm(4.3")
Φ139.5mm(5.5")
7.5mm(0.3")

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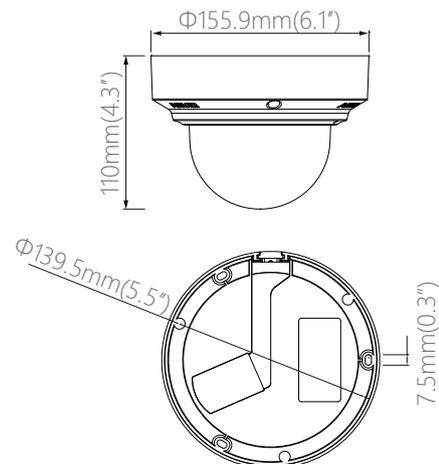
Eco View

Mini HD IR Bullet Network Camera

EcoView series is an economical and flexible mini bullet HD network camera. 3-axis Gimbal and Cable Management provide an easier installation. The EcoView series can deliver a high quality megapixel imaging in both indoor and outdoor (Day/Night) applications.

Key Features

- Intelligent Infrared Technology
- Smart H.264
- Motion Detection
- Active Heat Spread Design

- One piece metal design
- IP66 Weather Proof Standard
- True Day/Night Functionality with Removeable
- IR Cut Filter

- P-Iris Support

  Provides precision control of aperture to get optimal depth of field of image under multiple lighting conditions.

- 3D Noise Reduction

  3DNR can reduce the noise interference of weak signal image. With 3DNR function, our cameras achieve delicate and clear images, which will benefit 7 * 24-hour monitoring.

Traditional Iris   P-iris

Ordinary Camera   3DNR Camera

HD/FULL HD 720P/1080P   H.264 MJPEG   Motion   D/N   IP66   Smart IR   POE

Onvif

EcoView Mini HD IR Network Camera

Technical Specifications

Type	EC4502-IRB without POE	EC4502-IREB with POE
Resolution	2 Megapixel	
Image Sensor	1/2.9" CMOS	
Shutter Time	1/3s-1/100000s	
Frame rate	50HZ: 25fps(1920×1080) 60HZ: 30fps(1920×1080)	
Lens	3.6mm/F2.0 m12	
Horizontal Angle of View	77°	
Minimun Illumination	0.05 Lux (Color) / 0.005 Lux(B/W)	0.01 Lux (Color) / 0.001 Lux(B/W)
SN Ratio	>52dB	

Data Transmission	Transfer Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS
	Interface Protocol	ONVIF
	Multistream	Support main stream and sub stream
Compression	Video Compression	H.264/MJPEG Smart H.264
	H.264 Code Type	BaseLine Profile / Main Profile / High Profile
	Compression Output Bitrate	32 Kbps~8Mbps
Image	Image Settings	Rotate Mode(mirror, flip), Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
	Day/Night	IR-CUT
	BLC	Support
	WDR	Support
	DNR	3D DNR
	Privacy Mask	Support maximum 4 areas in one picture, various colors available
Smart Function (Optional)	Smart Detection	Motion detection
	Image Enhancement	Support defog, HSBLC, Anti Shake DSP
	Smart Encoding	Support low delay rate, ROI
	Smart Recording	Support offline continuous transmission to ensure the video is not lost

| IR	IR Range	25m
	IR Control	Intelligently adjust the IR brightness and angle according to scene
Interface	Ethernet	RJ-45 (10/100/1000Base-T)
General	Operating Conditions	-30°C to 60°C (-22°F to 140°F)
	Power Supply	DC12V/PoE(802.3af)
	Power Consumption	MAX 12W
	Protection	IP66
	Weight	345g
	Dimensions	Φ70*154mm (Φ3.6"*2.6")
	Safety Certifications	CE, FCC, RoHS
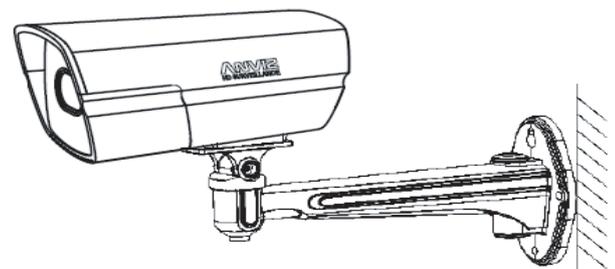
MiniStore

Network Video Recorder

Ministore is a professional mini-storage device. With metal shell, professional design, independent compression, intelligent algorithms and embedded Linux Operating System, it ensures a stable and efficient product form. Automatic scanning and adding of IP Cameras will eliminate the need for IP configuration. Easy Phone operation ensures a more secure and convenient environment for remote mobile viewing.

Key Features

- **ONVIF:** Supports the IP Camera connection and other clients with ONVIF
- **Compression:** H.264 High Profile. This advanced filtering technology reduces the data rate more than 30%
- **Playback Quality:** Full real-time synchronized decoding playback
- **Video Input:** Up to HD 8-channel 1080P/720P
- **Display:** Supports VGA and HDMI output
- **Operation Interface:** Similar to Windows OS, extremely easy to use
- **Device Port:** 1 SATA interface, 4T Storage, 2 USB interfaces, easy for USB mouse, backups, record, upgrade etc.

- **Internet:** Powerful service that supports DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, Email, IP Permission, IP Search, Alarm Center, etc. Complete support assistance (WEB, Client, SDK) for an easier connection
- **External Structure:** Metal shell and compact structure, which makes the device more secure and stable.
- **Intelligent Image Analysis:** Cooperated with IP Camera, supports alarm and VCA combination, such as intrusion and motion detection
- **Other:** Perfect circuit and unique watchdog functions to ensure a permanent working status.

Physical Interfaces

AUDIO   VGA   HDMI   USB   WAN   POWER

VGA

AUDIO
HDMI
WAN
USB
WAN
USB
POWER

Application

Base Station

3G/4G

IP Camera

PC

Switch

HDMI Display

IP Camera

—— UTP   —— HDMI
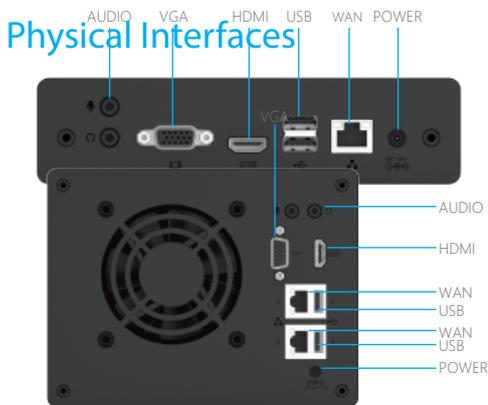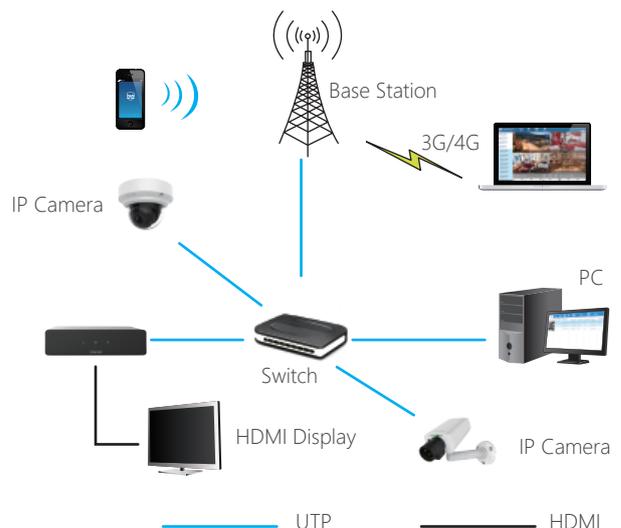
Technical Specifications

Category	Type	NMS114-1	NMS115-1
Video and Audio Input	Network Video Input	8 Channel	16 Channel
	Record Rate	Up to 100Mbps	
	Audio Input	1 Channel	
Video and Audio Output	HDMI Output	1 Channel	
	VGA Output	1 Channel	
	Audio Output	1ch, Sync Video Output	
Video and Audio Codec Parameter	Compression	H.264/MPEG4/MJPEG	
	Recording Resolution	1080P/720P	
	Playback	4ch@1080P	
	Stream Transmission	Support	
Recording	Recording Mode	Manual, Motion Detection, Schedule, Alarm	
	Backup Mode	HDD, USB HDD, USB CD&DVD-RW	
HDD Management	Style	1*embedded SATA Port	
	Maximum Storage	Up to 4TB	
External Interface	Voice Intercom	1Channel	
	Network Interface	1*RJ45 10/100Mbps	
	USB	2*USB Ports	
Network	Network Function	IPv4, IPv6, HTTP, UPnP, NTP, SNMP, PPPoE, DNS, FTP, ONVIF, GB/T28181	
General	Power Supply	DC12V 2A	
	Power Consumption	≤20W	
	Working Environment	-10℃ ～ +55℃/10%～ 90%	
	Dimension(W×D×H)	170mm x 233mm x 44mm(6.7"x9.2"x1.7")	
	Weight	≤1.5kg(3.3 pounds)	

TurboStore

Network Video Recorder

TurboStore is a new generation of video recorder. With external drive brackets, the hard drives can be easily swapped. Automatic scanning and adding of IP Cameras will eliminate the need for IP configuration. Easy Phone operation ensures a more secure and convenient environment for remote mobile viewing.

Key Features

- **ONVIF:** Supports the IP Camera connection and other clients with ONVIF

- **Compression:** H.264 High Profile. This advanced filtering technology reduces the data rate more than 30%

- **Playback Quality:** Full real-time synchronized decoding playback

- **Video Input:** Up to HD 32-channel 1080P/720P

- **Display:** Supports VGA and HDMI output

- **Operation Interface:** Similar to Windows OS, extremely easy to use

- **Internet:** Powerful service that supports DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, Email, IP Permission, IP Search, Alarm Center, etc. Complete support assistance (WEB, Client, SDK) for an easier connection

- **Device Port:** 4 SATA interface, 16T storage, 3 USB interfaces, easy for USB mouse, backups, record, upgrade etc.

- **Browser:** Supports multiple internet browsers (IE, xdCHROME, FIREFOX, etc.)

- **Video Browse & Display:** Support HD display screen to browse, playback, configure and other operations, easy to use.

- **Temperature Control:** Embedded powerful silent fan and low-noise, environmental design provide a more considerate operating condition.

- **External Structure:** Metal shell, convenient hard drive replacement and professional structure makes the device more secure and stable

- **Intelligent Image Analysis:** Cooperated with IP Camera, supports alarm and VCA combination, such as intrusion and motion detection

- **Other:** Perfect circuit and unique watchdog functions to ensure a permanent working status.

HDD-ROM

HDD-ROM Design: Allowing for a quick installation and easy swiping up design.

Technical Specifications

Category	Type	NTS137-4	
Video and Audio Input	Network Video Input	32 Channel	
	Record Rate	Up to 200Mbps	
	Audio Input	1 Channel	
Video and Audio Output	HDMI Output	1 Channel	
	Audio Output	1ch, Sync Video Output	
Video and Audio Codec Parameter	Compression	H.264/MPEG4/MJPEG	
	Recording Resolution	1080P/720P	
	Playback	8ch@1080P	
	Stream Transmission	Support	
Recording	Recording Mode	Manual, Motion Detection, Schedule, Alarm	
	Backup Mode	HDD, USB HDD, USB CD&DVD-RW	
HDD Management	Style	4*SATA Ports	
	Maximum Storage	Up to 16TB	
External Interface	Voice Intercom	1Channel	
	Network Interface	1*RJ45 10/100/1000Mbps	
	USB	3*USB Ports	
Network	Network Function	IPv4, IPv6, HTTP, UPnP, NTP, SNMP, PPPoE, DNS, FTP, ONVIF, GB/T28181	
General	Power Supply	DC12V 5A	
	Power Consumption	≤50W	
	Working Environment	-10℃～ +55℃/10%～ 90%	
	Dimension(W×D×H)	170mm x 230mm x 135mm(6.7"x9.0"x5.3")	
	Weight	≤3.5kg(7.7 pounds)	

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EverStore

Network Video Recorder

EverStore is a rack mount monitor storage system designed for large and medium-size enterprises. 1.5U*19 Inch frames, equipped with Anviz latest audio and video compression technology and embedded by Linux Operating System, network and intelligent technology, it can be used as a local NVR or as a powerful surveillance system.

Key Features

▶ **ONVIF:** Supports the IP Camera connection and other clients with ONVIF

▶ **Compression:** H.264 High Profile. This advanced filtering technology reduces the data rate more than 30%

▶ **Playback Quality:** Full real-time synchronized decoding playback

▶ **Video Input:** Up to HD 32-channel 1080P/720P

▶ **Display:** Supports VGA and HDMI output

▶ **Operation Interface:** Similar to Windows OS, extremely easy to use

▶ **Internet:** Powerful service that supports DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, Email, IP Permission, IP Search, Alarm Center, etc. Complete support assistance (WEB, Client, SDK) for an easier connection

▶ **Browser:** Supports multiple internet browsers (IE, CHROME, FIREFOX, etc.)

▶ **Device Port:** 8 SATA interfaces, 32T Storage, 3 USB interfaces, easy for USB mouse, backups, record, upgrade etc.

▶ **External Structure:** Standard 1.5U size, a rack mount monitor storage system with an air duct that makes it nice, quiet and stable

▶ **Intelligent Image Analysis:** Cooperated with IP Camera, supports alarm and VCA combination, such as intrusion and motion detection

▶ **Other:** Perfect circuit and unique watchdog functions to ensure a permanent working status

| Linux embedded | FULL HD 1080P | Linkage Alarm | Dual Display | Multiple Input & Output | Smart Image Analysis | ATX | Email Support |
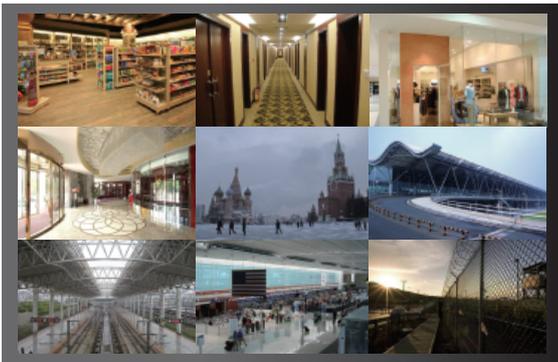
Technical Specifications

| Category	Type	NES127-8	NES128-8
Video and Audio Input	Network Video Input	32 Channel	64Channel
	Record Rate	Up to 260Mbps	
	Audio Input	1 Channel	
Video and Audio Output	HDMI Output	1 Channel	
	VGA Output	1 Channel	
	Audio Output	1ch, Sync Video Output	
Video and Audio Codec Parameter	Compression	H.264/MPEG4/MJPEG	
	Recording Resolution	1080P/720P	
	Playback	8ch@1080P	
	Stream Transmission	GB/T28181	
Recording	Recording Mode	Manual, Motion Detection, Schedule, Alarm	
	Backup Mode	HDD, USB HDD, USB CD&DVD-RW	
HDD Management	Style	8*SATA Port	
	Maximum Storage	Up to 32TB	
External Interface	Voice Intercom	1Channel	
	Network Interface	2*RJ45 10/100/1000Mbps	
	Serial Interface	1*RS232 /1*RS-485	
	USB	3*USB Ports	
	Alarm Input	3 Channel	
	Alarm Output	3 Channel	
Network	Network Function	IPv4, IPv6, HTTP, UPnP, NTP, SNMP, PPPoE, DNS, FTP, ONVIF, GB/T28181	
General	Power Supply	AC100～240V	
	Power Consumption	≤100W	
	Working Environment	-10 C ～ +55 C /10%～ 90%	
	Dimension(W×D×H)	1.5U, 440mm x 450.8mm x 60mm(17.3"x17.7"x2.4")	
	Weight	≤9.5kg(20.9 pounds)	

RFID

RFID research at Anviz began in 2003, when we started integrating RFID into our biometric access control devices. And now we are using our pioneer LF, HF and UHF technologies with products, staff position, tracking, asset management, transportation management, etc. RFID can reduce inventory expenses for companies .

Personnel Position for RFID

Admin room

■ Actived terminal 🚶 Controlled personnel

● Positioning terminal 🚶 Adminisrtator
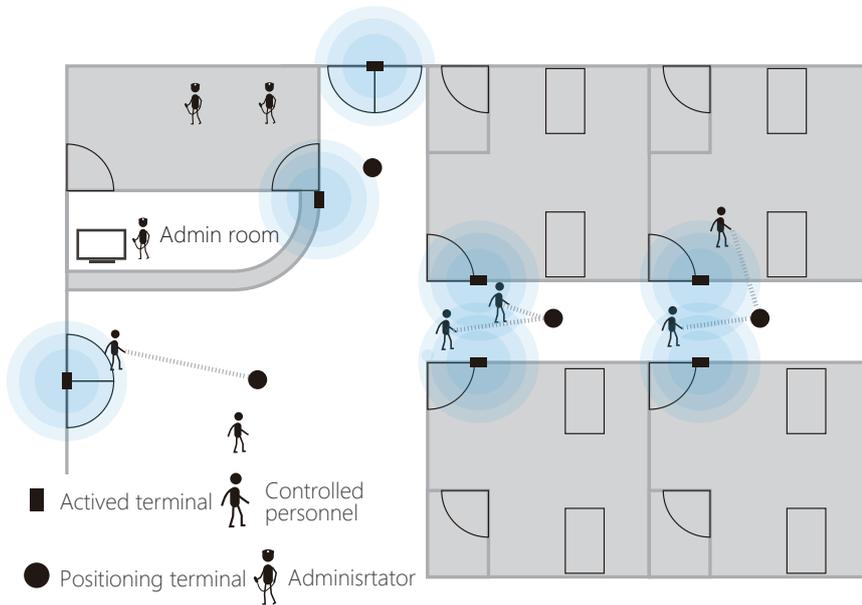
Knowing a persons position on-site can save vital seconds and increase security management in many industries. This knowledge is beneficial in places such as Hospitals, personnel foster care, Prisons and so on. Now our RFID solutions can solve personnel position problems easily and efficiently. The RFID Personnel Position adopts dual-frequency (Active 2.4GHz and Passive 125KHz) RFID technology. Personnel can use our wearable RFID label to be identified. This will communicate with the position station to detect when personnel came into, or are in that particular area. The RFID Personnel Position System is simple to implement, highly accurate and efficient based on reusable RFID labels.

Law enforcement agency

foster care

Hospital

Wearable RFID Label	125KHz Active Antenna	2.4G Communication Station
Read Distance： 0～70m	Read Distance： 0～3.5m （Radius range）	Read Distance： 0～100M
Read Speed： 120KM /Hour	Read Speed： 120KM / Hour	Read Speed： 200 KM / Hour
Frequency： Active 2.4 GHz、Passive 125KHz	Frequency： 125KHz	Batch Read：200pcs/sec
Communication Speed： 250Kb/s、1Mb/s、2Mb/s	Power： DC 7.5～18V 1000～3000mA	Antenna Gain： 4dBi，Dual Antenna
Storage capacity ： 176B～1K （Optional）		Frequency： 2.4GHz、125KHz （extend 4 Antenna）
Internal Battery： 750mAh		Interface： RS485/ TCP/IP / Wifi
Battery life： 1 Year replaceable		Power： DC 7.5～24V 800～3000mA
		Weight： 0.7kg
		Installation Method： Ceiling or wall installation

Asset management for RFID

Carriage

Warehouse

Fixed RFID Reader

Purchase Inspection / Pallets / Carton / Goods

Server

TCP/IP/ GPRS/WIFI/ Bluetooth

Sales & Anti-theft Management

Anti-theft detection

Express Checkout / Inquiry Price Promotions

Asset Management

Multi-Handheld RFID Reader

Shelf Management / UHF Tag / Replenishment Notice / Location Management / Goods information
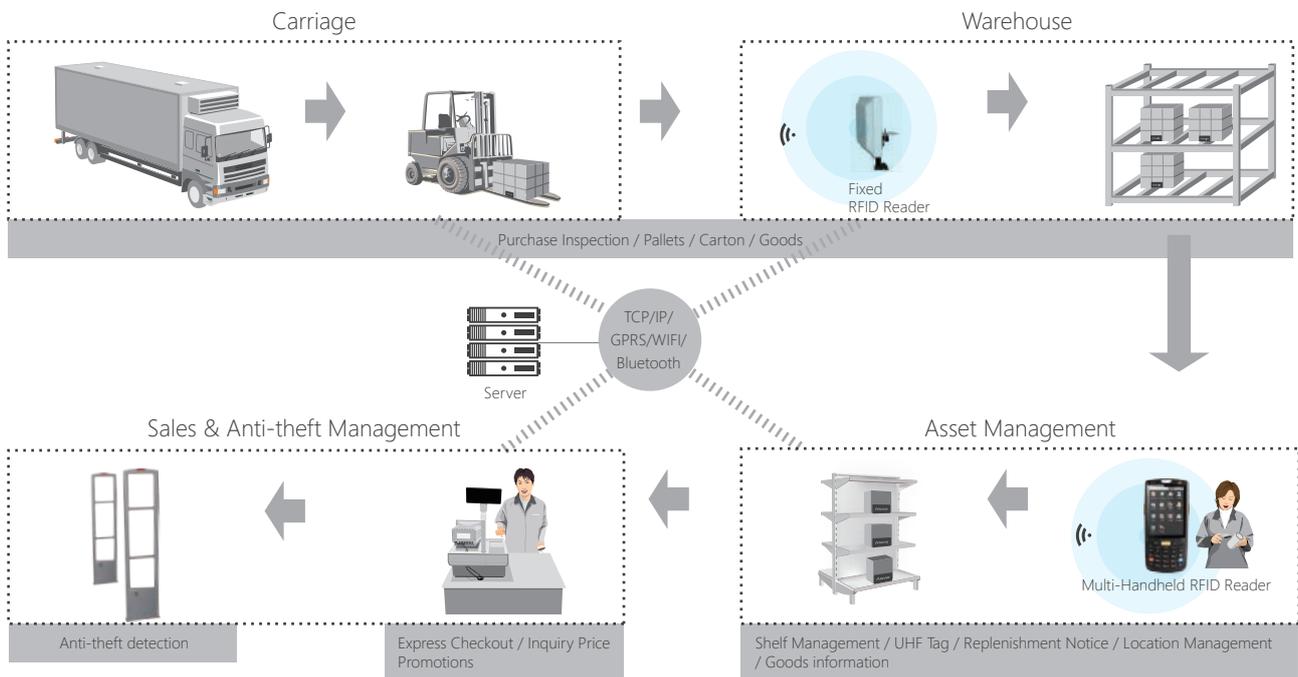
- Reduction of inventory expenses
- Increase in asset availability
- Real-time asset visualization
- Maximum transparency
- Increase of inventory accuracy
- Boost shipping throughput
- Smart verify purchase of customer
- Anti-theft detection
- Smart announcement of news to regulars
- Real-Time update of inventory system
- Continuous article surveillance
- Simplification of reordering and restocking process

Ultra high frequency RFID technology has an irreplaceable advantage in the field of asset management. UHF based 850-945MHz. When the asset items match with UHF labels can be counted effectively. Because the UHF with characteristics of passive, long-distance reading ability, batch and high speed reading ability. UHF labels has information storage space, through the reading and writing equipment to achieve real-time updates of assets information.

UHF Tags

	Anti-theft Tag	On-metal and High-temperature Tag	Pharmaceutical Grade Wristband Tag	Asset Tag
Frequency	860-960MHz	860-960MHz	860-960MHz	860-960MHz
Communication Protocol	EPC CLASS1 GEN2/ISO-18000-6C	EPC CLASS1 GEN2/ISO-18000-6C	EPC CLASS1 GEN2/ISO-18000-6C	EPC CLASS1 GEN2/ISO-18000-6C
Memory	96~2048bits (optional Chip)	96~2048bits(optional Chip)	96~2048bits(optional Chip)	512bits(optional Chip)
Temperature	-20°C to 85°C	-60°C to 550°C	-20°C to 85°C	-20°C to 150°C
Read Range	2 meters (2W Reader power output)	7 meters (2W Reader power output)	4 meters (2W Reader power output)	2~12 meters (2W Reader power output)
Protection Class	IP68 (IEC61000-4-2,IEC60068-2-6)	IP68 (IEC61000-4-2,IEC60068-2-6)	IP68 (IEC61000-4-2,IEC60068-2-6)	IP68 (IEC61000-4-2,IEC60068-2-6)
Characteristic	Read in water/Small Size	Read in water/Read on metal/ High temperature/Long read range	Read in water/Small size/Easy Buckle/ Body Security	Asset management

Handheld Reader(HF/UHF)

- 1 GHz High Performance CPU
- 4 GB ROM+512 MB RAM, Mini SD Card (up to 32G)
- 3.5 Inch Capacitive Touch Screen, HVGA (320 x 480) TFT High Brightness
- 5MP Autofocus with LED Light
- 4000 mAH lithium Polymer Battery
- Multiple Wireless Communication (GSM/GPRS/ EDGE/ 3G/ Wi-Fi/Bluetooth)
- Support HF 13.56MHz ISO14443 \ UHF 860-960MHz EPC C1G2/ISO18000-6C
- Dimensional code Scanning \ Bar Code Scanning
- Infrared Communication Module
- High Performance GPS Navigation Chip
- IP65

Windows Mobile   Android

GPRS   WiFi   Bluetooth   GPS   3G   5MP Camera

Fix Reader

- Self-intellectual property;
- Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag
- 902~928MHz frequency band(frequency customization optional)
- FHSS or Fix Frequency transmission
- RF output power up to30dbm(adjustable)
- 8dbi/12dbi antenna optional with effect distance up to 3m/10m
- Support auto-running, interactive and trigger-activating work mode
- Low power dissipation with single +9 DC power supply
- Support RS232, RS485, Wiegand interface

Fingerprint in Mifare Card

Staff Information				Mifare Card (Template On Card)
Fingerprint Template	Fingerprint Registration Device	System Software		
Mifare Card				Recognition Device
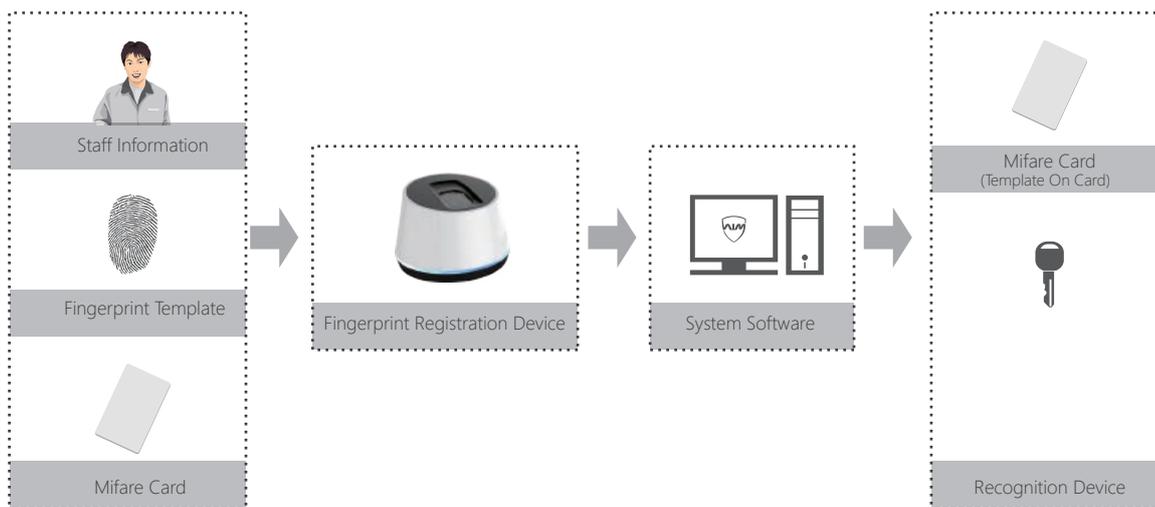
How to break the boundaries of biometric recognition in traditional RFID access control? Anviz combined with biometric and RFID technology, to create a 13.56MHz Mifare card storage fingerprint template. Anviz BioNANO fingerprint algorithm conversion, encryption, and compression the fingerprint image to an irreversible fingerprint feature template. Then input to the Mifare Card. Ensure the security of the card and fingerprint information. The Fingerprint template in Mifare Card, perfect integrate biometric to traditional access control. Improves the personnel accuracy of traditional access control. And broke the biometric limit on the number of employee.

Ticket   Payment   Visa Pass

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Warranty

ANVIZ Global warrants that all ANVIZ Global manufactured equipment will be free of any defect in materials or workmanship under normal use for the period of 1, 2 or 3 years from date of original purchase ("Warranty Period").

For more Anviz Warranty Service, please visit:

1 YEAR Warranty **2** YEAR Warranty **3** YEAR Warranty

Support

Anviz Technical Support provides efficient assistance for your products.
With online support services www.Anviz.com/support and Anviz Service One App you can rest assured that you'll receive assistance wherever you are, whenever you need it.

Service One
"Service One" is an application in APP store include in all Anviz technology support and products information:

• 7x24-hour online self service
• Submit any needs and questions anywhere
  and anytime

Service One

For more information, visit www.Anviz.com, or email us sales@Anviz.com.