

FacePass 7

Smart Face Recognition System









**ULTRA-WIDE
RANGE FACE RECOGNITION**






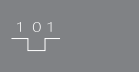

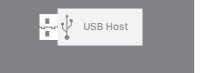
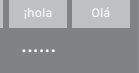


FacePass 7 Smart Face Recognition product launched by Anviz, based on new infrared technology design, using the world's leading BioNANO core algorithm,with a powerful processor and hardware computing platform, face detection, identification and event real-time push can be easily implemented. It can realize accurate facial recognition under various environment.

Highlights

 New Infrared Face Technology Non-red exposure source, ultra-wide range of face recognition	 Live Detection Active Infrared Light Source Designed To Effectively Filter Photo And Picture Deception
 Built-in Webserver Basic equipment settings, personnel and records query, reports Export etc.	 Multiple Communication Methods Support TCP/IP, RS485, U disk communication, WiFi
 High Capacity 3,000 users, 100,000 records	 3.2" HD TFT Touch Screen Full-view HD touch screen, intuitive and convenient operation

Features

 Identification Modes Face, card, password multiple ways to choose, convenient, flexible and safe to use	 Attendance Status User-defined function keys to switch attendance state, meeting multiple identification needs	 Card Standard EM, Optional Mifare
 Open the Door Remotely Remote opening through network and software management	 Security Security incident monitoring and alarm	 Access Control Interface Support Relay Output, Wiegand26/34 Input and output, magnetic, etc.
 Infrared Sensing Infrared sensor activation	 U Disk Download Support U disk, user information record backup And firmware upgrade	 Multi-language Support Global Multilingual Display

FacePass Algorithm

ANVIZ Facepass BioNANO integrates several advantages of the industry-leading approaches to develop its unique technique and ensure a robust human face recognition system.



1. Match specific features to template
2. Use Principal Component Analysis
3. Intelligent self-learning function, dynamically change the face database
4. Skin Texture Analysis turns visual details of the skin such as the unique lines, patterns, and apparent spots in a person's skin into a mathematical space.

Technical Specifications

Capacity	User Capacity	3,000
	Card Capacity	3,000
	Log Capacity	100,000
Interface	Comm.	TCP/IP, RS485, USB Host, WiFi
	I/O	Relay Output, Wiegand Output, Door Sensor, Switch, Doorbell
Feature	Identification Mode	Face, Card, ID+Password
	Verify Speed	<1s
	Image Display	Support
	Self-defined Status	10
	Record self-check	Support
	Embedded WebServer	Support
	Doorbell	Support
	Multi-language support	Support
Hardware	Software	Crosschex Standard
	CPU	Dual-core 1.0GHz
	Camera	Dual Camera
	LCD	3.2" HD TFT Touch Screen
	LED Indicator	Support
	Sound	Support
	Angle Range	Level: ±20°, Vertical: ±20°
	Verify Distance	30-80CM
	RFID Card	Standard EM, Optional Mifare
	Tamper Alarm	Support
	Operating Temperature	-20 °C~ 60 °C
	Operating Voltage	DC 12V
	Dimensions(W x H x D)	124*155*92mm
	Operating Humidity	0% to 95%



CrossChex

Time Attendance and Access Control Management System

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 customization services, including report output, customized function modules and professional design service for you.


Functions

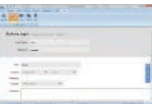
- Support hourly and daily working shift calculation, meet multiple employee attendance requirements.



- Multi-level admin authorisation setting managment


- Support defined reports design


- Auto online update keeps the software always in latest version.


- Online upgrade, technical support and trouble ticket submit.


- Multi time attendance report output

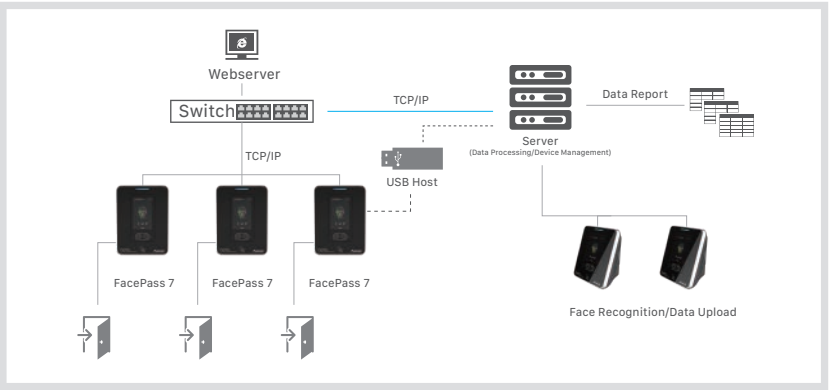


Application

Flexible applications such as standalone, secure and network system for different industries.



Network Topology Illustration



Installation Suggestion

Note
FacePass 7 is suitable for different users' heights and complexions. Please note that keep the face image in the center of the screen display when verification.

