

# 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 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.



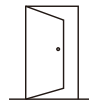
High Precision OLED Display



Touch Keypad&Sensor



PoE



Access Control Equipment



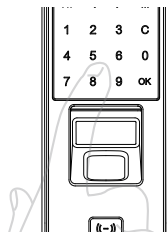
CrossChex



Event Push

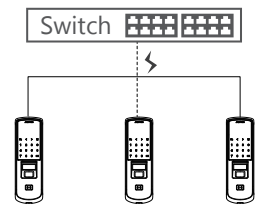
## Touch-On

When you place your finger on fingerprint sensor, sensor will be activated automatically and will awaken the device from sleep.

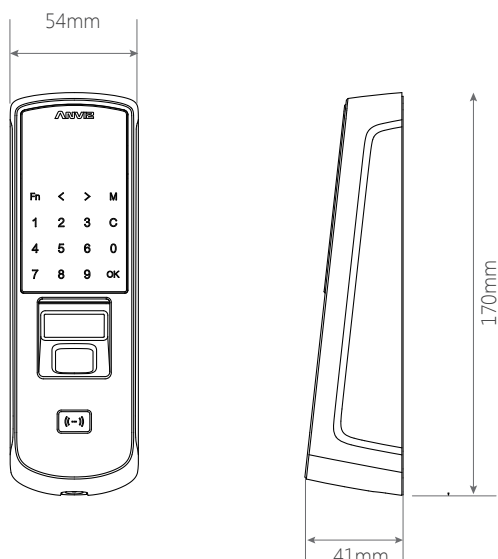


## PoE

Power Over Ethernet provides device network communication and the power is sufficient for both device and lock to operate.

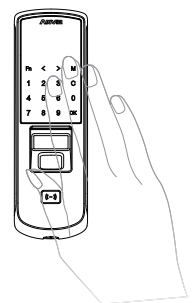


## Outline Drawing



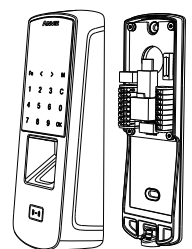
## Sense-On

When you reach out your hand to touch the keypad, P7 will be activated automatically and ready for your entering.



## Easy Installation

The access interface adopts quick install connector, without any tools to finish the wiring of the access control. The P7 with front and rear clamshell design will further simplify installation operation for installer.



# BioNANO - The core algorithm

BioNano is applied in all Anviz biometric-based products used for identification.



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

## Parameters

Activation Mode	Touch
Scan Area	22mm*18mm
Resolution	500 DPI
Display	128*64 OLED
Fingerprint Capacity	3000
Card Capacity	3000
Log Capacity	50000
Applicable Situation	Max 3000 Users
Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
Identification Time	<0.5S
Communication Interface	RS485, Mini USB Slave, TCP/IP, Wiegand Out&In
Card Reader Module	EM RFID, Optional Mifare
Workcode	6-digit Work Code
Short Message	50
Relay	Relay Output (COM, NO, NC or Direct Lock Control)
Door Open Sensor	Yes
Tamper Alarm	Yes
PoE	Standard IEEE802.3af
Operating Voltage	DC 12V
Size	54(w)*170(h)*41(d)mm
Temperature	-13°F/-25°C~158°F/70°C

## Features

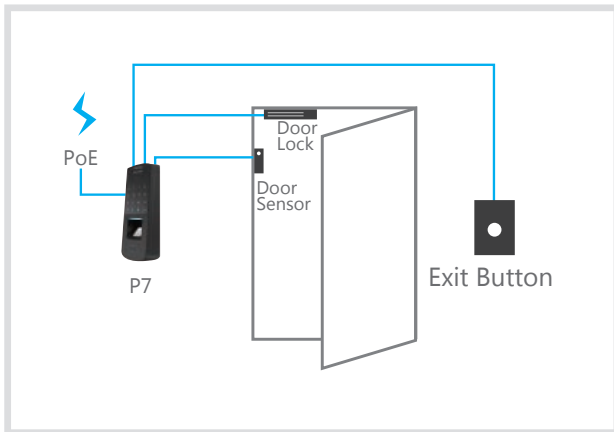
- Using Anviz intelligent core algorithm
- 3000 Fingerprints, 3000 Cards, 50000 Records
- Optical waterproof fingerprint collection device, abrasion resistance, adapt to all kinds of fingerprints
- Touch activation fingerprints sensor and keypad
- Support POE power supply for both device and lock
- RS485, mini USB and TCP/IP communications, Wiegand output
- Directly controlled door lock, grouping management, time setting
- Tamper alarm door magnetic signal interface (known the door open and close state), to support himself back
- Fingerprint, password and card combination of independence and recognition
- Touch the bright background number keys
- High precision OLED displays
- Standard EM the RFID card reader module, optional Mifare module
- Optional waterproof cover, realize outdoor use, IP53
- Software support for period of time, group management, 16 group
- access permissions, flexible control
- 32 entrance guard time real-time monitoring data, easy to learn and easy to use

## Application

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

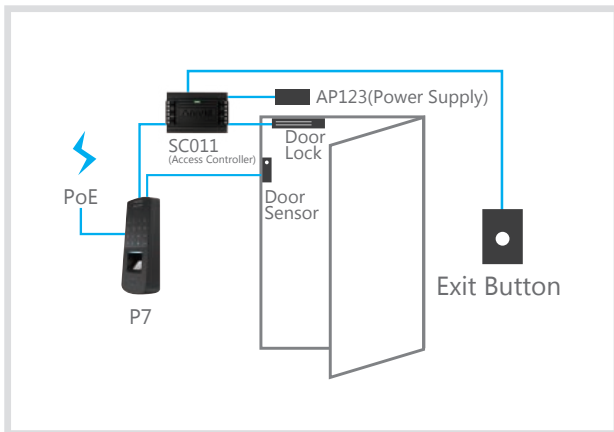


## Network Topology Illustration



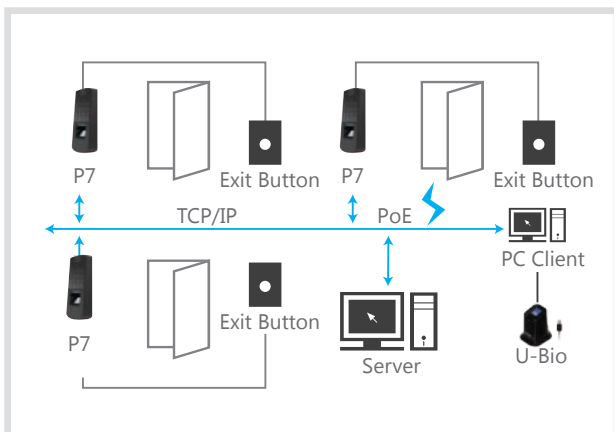
### Standalone Access Control System

The core part of this system is stand alone access control. With the lock directly controlled by the standalone access control, this system is able to supply easy and safe solution.



### Secure Access Control System

The secure system consists of an access controller and reader. Because the lock is controlled by the access controller, this system is more secure and suitable for a single door having higher safety requirement.



### Network Access Control System

The network access control system consists of different access control systems such as stand-alone system, secure system and distributed system. This system is the most professional solution, which best fits projects with multiple requirements.