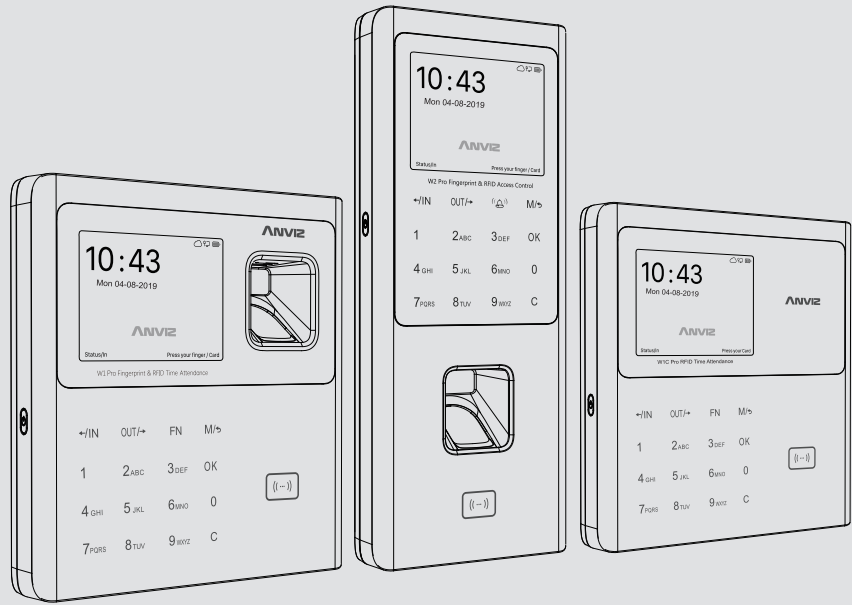# ANVIZ

POWERING A SMARTER WORLD

# W Pro Series

Quick Guide V1.1

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Mon 04-08-2019

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www.anviz.com

## 1. Packing list

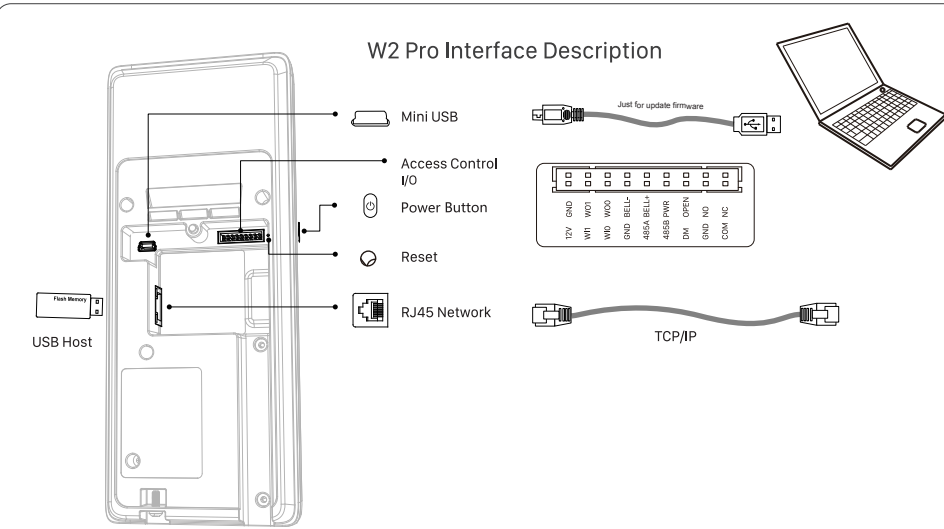| W1 Pro | W1C Pro | W2 Pro | | |
|--------|---------|--------|--|--|
| W1 Pro | W2 Pro | W1C Pro | Quick Guide | Accessory Package |
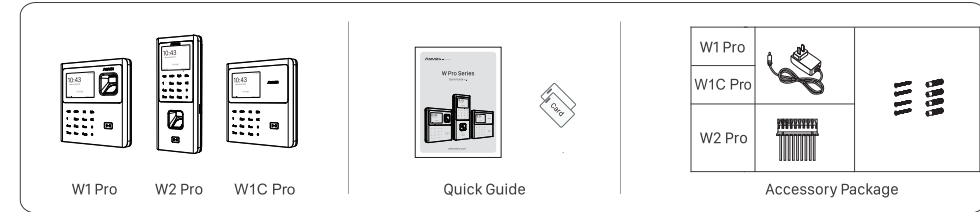
## 2. Installation Diagram&Installation Step

### Install the Device

① Mount the back board on wall and connect with the wire.
② Fix the device from the bottom and screw it.
③ Make sure fixed OK.

## 3. Interface Description

### W1 Pro&W1C Pro Interface Description

Optional Relay & Exit Button

Power Button

Mini USB

Reset

DC Power

RJ45 Network

TCP/IP

USB Host

## W2 Pro Interface Description

Mini USB

Just for update firmware

Access Control I/O

Power Button

Reset

RJ45 Network

TCP/IP

USB Host

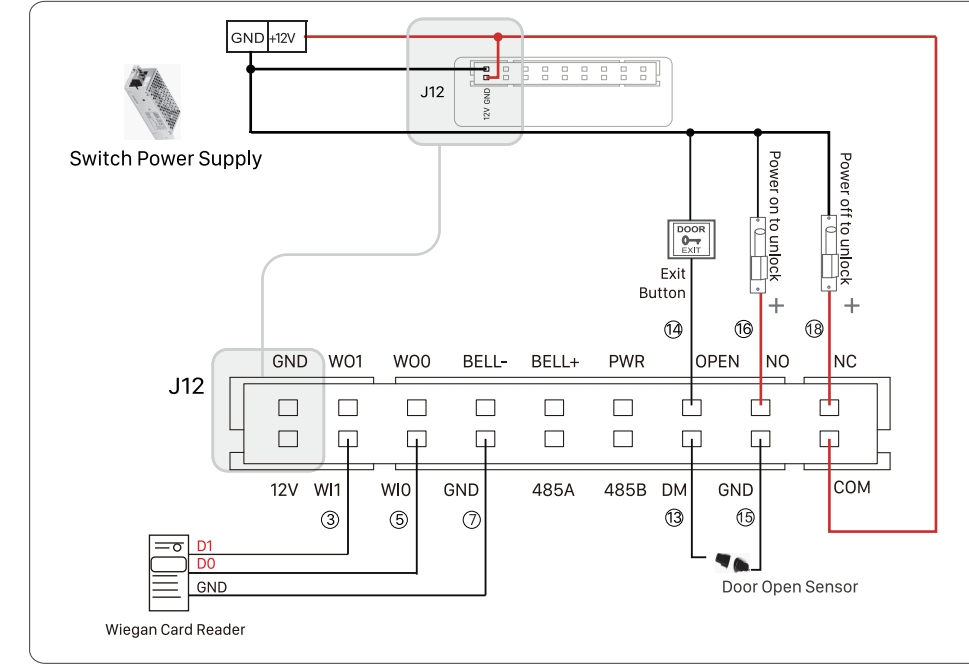### J12 Access Interface Definition

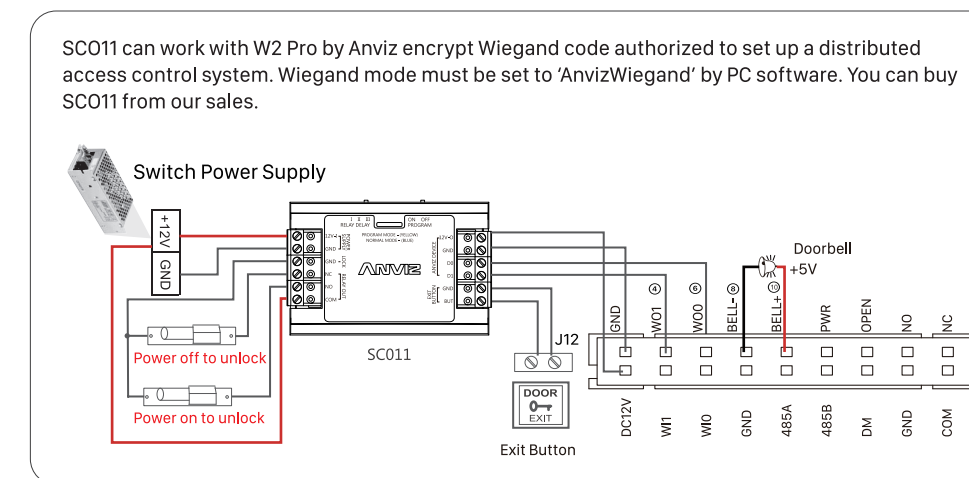| Features | Power Input | Wiegand Output | | Active Doorbell | Passive Doorbell | Exit Button | Relay Output | |
|----------|-------------|----------------|--|------------------|-------------------|--------------|--------------|--|
| | GND | Date1 Output | Date0 Output | Door Bell- | Door Bell+ | PWR | Button | NO | NC |
| Num. | ① | ④ | ⑥ | ⑧ | ⑩ | ⑫ | ⑭ | ⑯ | ⑱ |
| Table Color | Black | Yellow | Blue | Green | Black | Purple | Red | Blue | Black |
| Fuction | 12V | Wiegand Input | | RS485 | | Door Sensor Detection | | COM | |
| | | Date1 Input | Date0 Input | GND | RS485A | RS485B | Door Sensor | GND | |
| Numbers. | ① | ③ | ⑤ | ⑦ | ⑨ | ⑪ | ⑬ | ⑮ | ⑰ |
| Table Color | Red | Organge | Brown | White | Red | Gray | White | Brown | Red |

### Important Notice

Please follow the wiring diagram as it is displayed. Damaged products due to improper wiring are not covered under the product warranty.
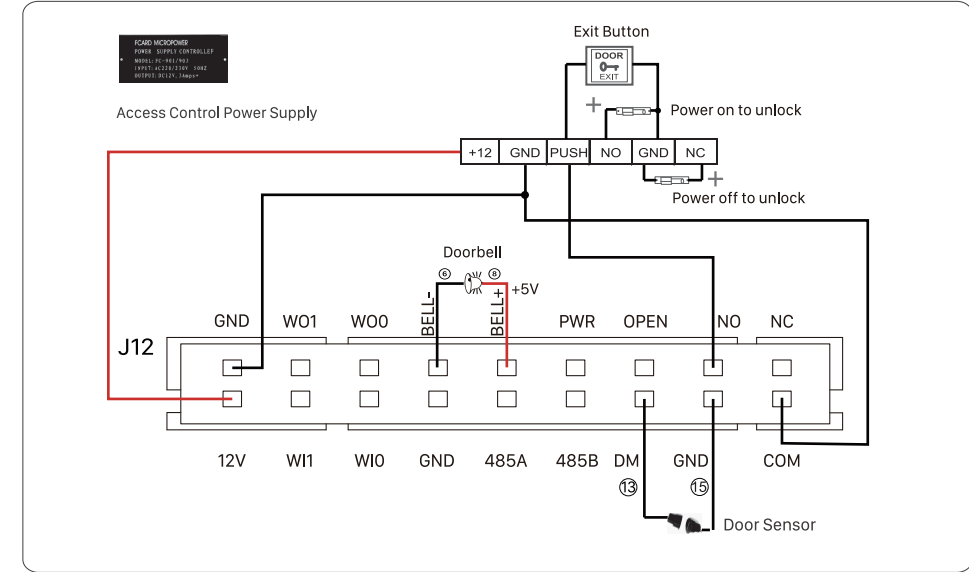
## 4. W2 Pro Wiring

GND +12V

J12

Switch Power Supply

Exit Button

Power on to unlock

Power off to unlock

Door Open Sensor

| J12 | GND | WO1 | WO0 | BELL- | BELL+ | PWR | OPEN | NO | NC |
|-----|-----|-----|-----|-------|-------|-----|------|----|-----|
| | 12V | WI1 | WI0 | GND | 485A | 485B | DM | GND | COM |
| | ① | ③ | ⑤ | ⑦ | | | ⑬ | ⑮ | |

D1
D0
GND

Wiegan Card Reader

## 5. W2 Pro & Anviz SC011

SC011 can work with W2 Pro by Anviz encrypt Wiegand code authorized to set up a distributed access control system. Wiegand mode must be set to 'AnvizWiegand' by PC software. You can buy SC011 from our sales.

Switch Power Supply

Power off to unlock

Power on to unlock

SC011

Doorbell +5V

J12

DOOR Exit Button

## 6. W2 Pro & Access Control Power Supply

Exit Button

Access Control Power Supply

Power on to unlock

Power off to unlock

Doorbell

+12 GND PUSH NO GND NC

| J12 | GND | WO1 | WO0 | BELL- | BELL+ | PWR | OPEN | NO | NC |
|-----|-----|-----|-----|-------|-------|-----|------|----|-----|
| | 12V | WI1 | WI0 | GND | 485A | 485B | DM | GND | COM |
| | | | | | | | ⑬ | | |

Door Sensor

## 7. Operation Guide

### 1. Basic Settings

10:43
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10-18-2017 10:43:45

Password

Press [M] key and input "0"as ID and "12345"as password to log in Menu.

Press to active power on the device.

Go to Setting/Time menu to set up date and time.

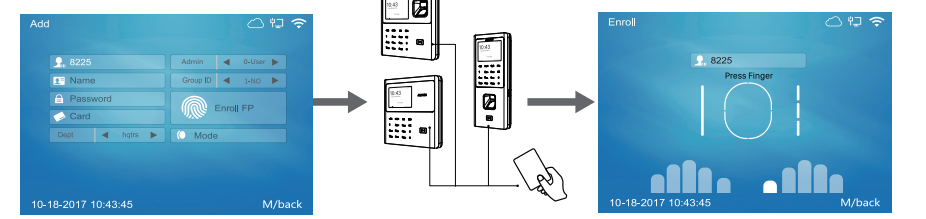Browser the Setting/Device menu to view or edit the Device ID and Admin PIN Code.

### Tips

*0/12345 is the default Admin ID and password. You can change to your own password or set other user as Admin later.
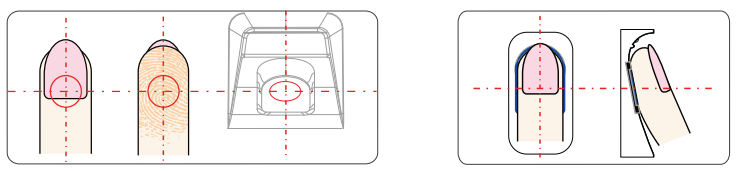
## 2. Add Users



Go to User → Add menu. Must fill the User ID and press "OK" jump to next text bar to fill the user information.

Swipe the card at card mark area, and the device will get the card number, and then move to "Enroll FP" section and click [OK] key.

Scan the same finger three times to enroll the fingerprint.

## 3. Verity the Fingerprint

**• Correct Method:**



Place finger in the center of the sensor.

Place finger flatly and smoothly on the sensor.

**• Incorrect Method:**



Finger not placed on the center of the sensor.

Finger placed inclined.

Use of fingertip.

## 4. Character Input Method

When you need to edit your name, you need to enter characters. Here are the steps for entering characters:

* Use the left and right move keys to move the cursor to the area you want to edit.
* Press the [Fn] key on the keyboard and a character input window "Aa" will be displayed at the bottom of the screen.
* Press [IN] on the keyboard, the letter window will switch between "Aa", "123", ",.!?" and "Picture", you can select the window to enter Letters, numbers, or special characters.

## 8. Communication Settings

* Switch to Network\Internet menu, select Ethernet (optional)
* Switch to network\communication mode, select server or client mode
* Switch to the network menu and set the Ethernet parameters according to your network environment.
* On the management computer, spell the IP address of W1Pro/W2Pro to ensure that it can be worked together.
* When the device has WiFi function, it is suggested that the device should be installed as far away from the metal parts as possible. The distance between the installation location of the device with WiFi function and the router should be within 30m.

### 1. WiFi Settings (Optional)
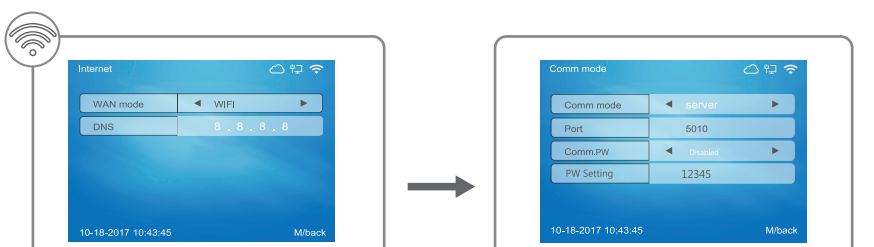


Go to Network/Internet menu to set up WAN mode as 'WIFI' and input the DNS server IP address.
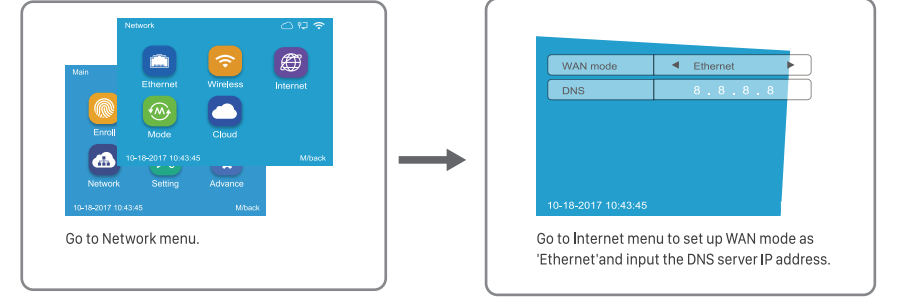
Go to Comm mode menu to select Server or Client mode.
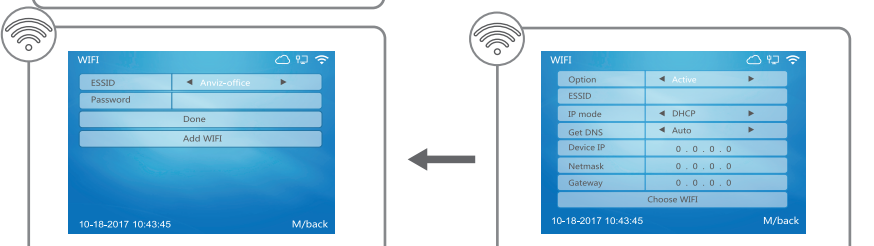


Device will search WIFI network automatically. Select the WIFI network and input password.
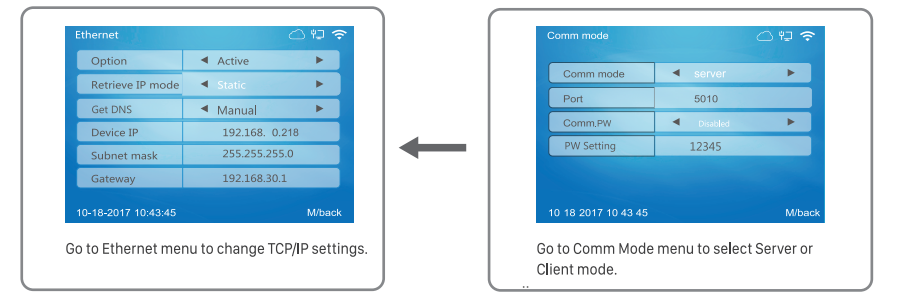
Go to WIFI menu to change TCP/IP settings.then select 'Choose WIFI' to go to the second window.

## 2. Ethernet Settings



Go to Network menu.

Go to Internet menu to set up WAN mode as 'Ethernet' and input the DNS server IP address.
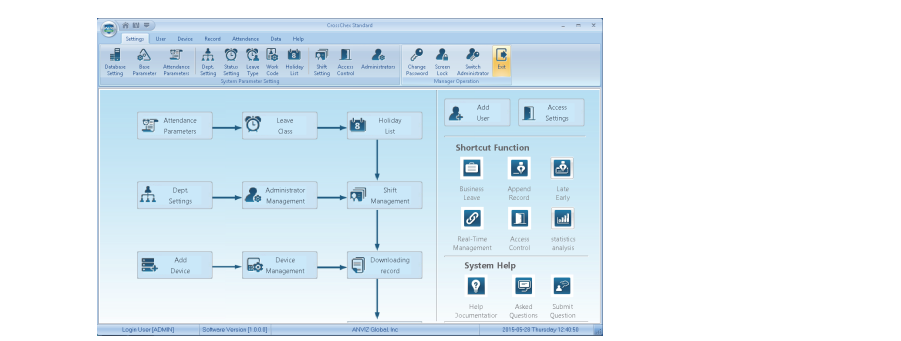


Go to Ethernet menu to change TCP/IP settings.

Go to Comm Mode menu to select Server or Client mode.
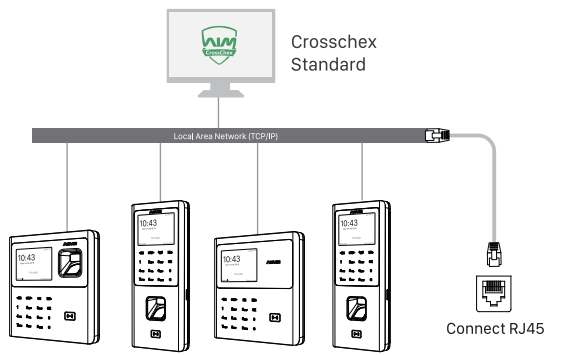
## 9. Working with Management Software

### 1. Working with Management Software

Put the CD in the management computer .The installation program will run automatically.



## How to connect the Device with Software?

### Method One: Connect to Network



Crosschex Standard

Connect RJ45

### Method Two: Connect to Cloud

W Pro series can be managed by Anviz cloud management platform Crosschex cloud.

For more details, please refer to https://www.anviz.com/product/crosschex/cloud.html.

## 2. Enable Communication between Device and the Management Software CrossChex

* Turn on management software CrossChex.
* Go to Device tab. Search and Add the device to management software CrossChex.
* Click Synchronize Time button to communicate with Device. If Synchronize is successful, the device icon will turn to blue.

## 3. The Management Software CrossChex Features

* Device\Backup User: Download user info from Device to CrossChex.
* Device\Download Records: Download records from Device to CrossChex.
* User\Modify: Edit name or other user info.Then click "Upload User"to Upload user info to device.
* Record\Search: Search and view the records.
* Attendance: Calculate,Search results and Generate reports.
* Data\Backup Database: Backup Database.
* Setting\Shift: Set up Time Table and Scheduling.
* Device\Device Parameter: Set up device.Clear records on Device or Reset Device to factory settings.



Scanning QR code to download CrossChex software