

# USER MANUAL

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## Wrist Temperature Measurement Terminal

**Model: AC-Y4**



**Note:**

AC-Y4 is an information technology equipment rather than medical facility. Temperature measurement is only an auxiliary function and cannot be used as medical diagnosis basis.)

**Remark**

*Please follow the user manual for correct installation and testing. It's recommended to test the terminal after powering on for 15 minutes. The terminal is for indoor installation only. If there is any doubt please call our tech-supporting and customer center.*

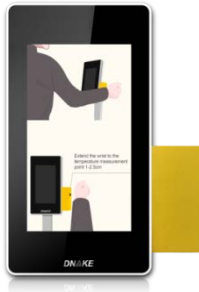
*Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.*

*The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We suggest recycling and reusing the material resources.*

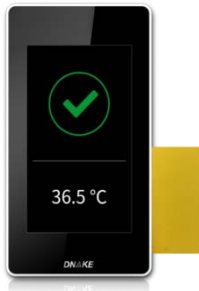
# Temperature Measurement

## Temperature Measurement

Extend the wrist to the temperature measurement module 1-2.5cm to measure the temperature.



1. If the temperature is normal, device will have a voice prompt 'Normal Temperature', and the screen will display as below picture. At the same time, the door can be open if you enable Unlock feature in the webpage.



After 3 seconds, the screen will switch Counting page as below:



If there's no any operation in 5 seconds, the screen will back to main page:



2. If temperature is abnormal, device will have an alarm voice, and prompt 'Normal Temperature', and the screen will display as below picture.



After 3 seconds, the screen will switch Counting page as below:



If there's no any operation in 5 seconds, the screen will back to main page:



## Web Settings

### Web Settings

If you want to configure advance settings, please login webpage of AC-Y4. The default IP address of AC-Y4 is 192.168.68.90, please change IP network segment the same as AC-Y4 on your PC, then input 192.168.68.90 in your browser.

**Username: admin, Password: 123456**

## 1. Main

You can find the firmware version and IP address of device in the Main page:

Framework:	1.6.0 20200825
Voip:	1.0.2 20201031 16M
LAN:	192.168.68.90

## 2. Advanced Settings

### Unlock Type

Disable: Device will not output unlock signal.

Normal: Device will output unlock signal when the temperature is normal.

Both: Device will output unlock signal when the temperature is normal or abnormal.

### Temperature Type

Celsius: Device will display the measured temperature as Celsius temperature.

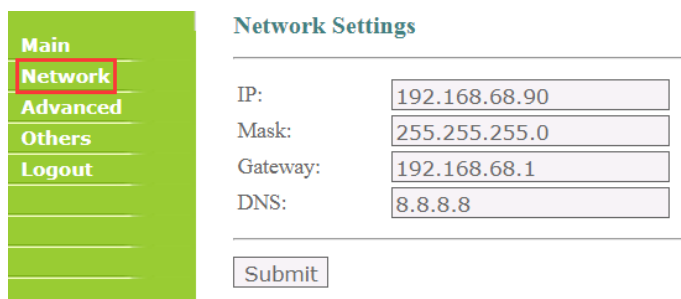
Fahrenheit: Device will display the measured temperature as Fahrenheit temperature.

### Temperature Alarm Thresholds

The temperature alarm thresholds is configurable, you can set different thresholds according to different environment.

## 3. Network Settings

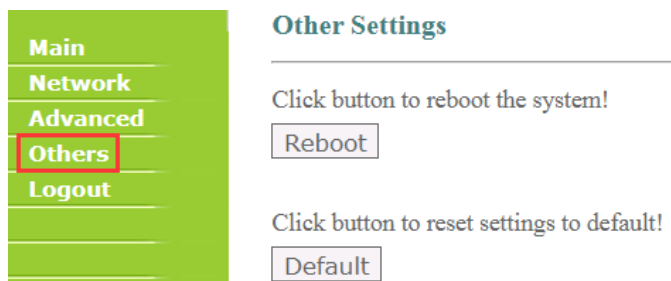
You can change the network settings in Network page:



<b>Network Settings</b>	
IP:	<input type="text" value="192.168.68.90"/>
Mask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="192.168.68.1"/>
DNS:	<input type="text" value="8.8.8.8"/>
<input type="button" value="Submit"/>	

## 4. Other Settings

You can reboot the device by clicking Reboot button, and reset factory default by clicking Default button.



<b>Other Settings</b>	
Click button to reboot the system!	
<input type="button" value="Reboot"/>	
Click button to reset settings to default!	
<input type="button" value="Default"/>	

## 5. Logout

You can logout the webpage by clicking Submit button.



## User Logout

Please click [Submit] to logout user!

Submit

## Equipment Interface

### 1. Interface Label

The equipment interfaces are shown in the figure below. Please refer to the real object for details.

### 2. Interface Description (Please refer to the real object for details)

#### 1. Interface of Y4 Terminal



Brown: SEN\_INPUT  
White/Brown: RS485+  
White/Blue: ALARM\_IN  
Blue: RS485-  
Black: GND  
White/Green: WG\_OUT\_D1  
Gray: LOCK\_NO  
Purple: WG\_OUT\_DO  
Orange: LOCK\_COM  
Red: WG\_IN\_D1  
White/Purple: LOCK\_NC  
White/Black: WG\_IN\_DO

5-2 Interface of Y4 Terminal



## 2. Interface of temperature sensor



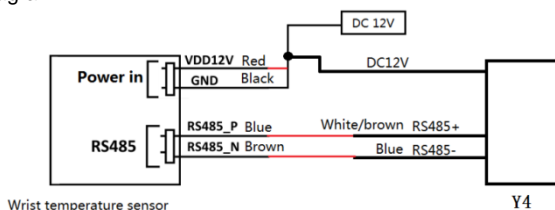
Red: DC 12V+ input

Black: DC 12V- input

Blue: RS485\_P

Brown: RS485\_N

## 3. Wiring Diagram



Interface name	No.	Wiring color	Wire name	Description
USB2.0	/	/	/	USB interface
Internet port	/	/	/	Access network
Power input(12V)	/	/	/	12V power input
Wiegand input	1	White/Black	WG_IN_D0	Wiegand input
Alarm output	2	White/Purple	LOCK_NC	Alarm output/door lock signal (normally closed)
Wiegand input	3	Red	WG_IN_D1	Wiegand input
Alarm output	4	Orange	LOCK_COM	Alarm output / door lock signal(common)
Wiegand output	5	Purple	WG_OUT_DO	Wiegand output

Alarm output	6	Gray	LOCK_NO	Alarm output/door lock signal (normally opened)
Wiegand output	7	White/Green	WG_OUT_D1	Wiegand output
GND	8	Black	GND	GND
GND	9	Black	GND	GND
GND	10	Black	GND	GND
RS485-	11	Blue	RS485-	RS485-
Alarm input	12	White/Blue	ALARMJN	Alarm input
RS485+	13	White/Brown	RS485+	RS485+
SENJN	14	Brown	Door magnetic signal	Alarm input/ door sensor signal

# Safety & Precautions

## Safety & Precautions

To protect you and others from harm or protect your device from damage, please read the following information before using your device.

Do not install equipment in the following areas:

- Do not install equipment in high temperature, humidity, near the magnetic field, such as generators, transformers or magnets, etc.
- Do not place the equipment near the heating items such as the electric heater or the liquid container.
- Do not place the device directly in the sun or near the heat source, which may cause the body to be discolored or deformed.
- Do not install the equipment in an unstable position to avoid the property losses or personal injury caused by the falling of device.

### Prevent electric shock, fire and explosion

- Do not use damaged power cord, plug or loose power outlet.
- Do not touch the power cord with wet hands or unplug the power source by pulling the power supply.
- Do not bend or damage the power cord.
- Do not touch the equipment with wet hands.
- Do not let the power slide, or cause a collision.
- Do not use power supply without manufacturer approval.
- Do not splash water or other liquids into the equipment.

### Clean surface

- Use a soft cloth dipped in a small amount of water to clean the surface of the machine and dry it with a dry cloth.

### Other matters needing attention

- In order to prevent damage to the paint or housing, do not expose the device to chemical products, such as thinner, gasoline, alcohol, insect repellent, sunscreen, or pesticides, etc.
- Do not beat or hit the device with a hard object.
- Do not disassemble, refit or modify the device at your own discretion. The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- When the device emits abnormal sound, smell or smoke, unplug the power immediately and contact the customer service center in time.