



T-CHECK1 QUICK INSTALL GUIDE

Please read this document before installation



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INTRODUCTION

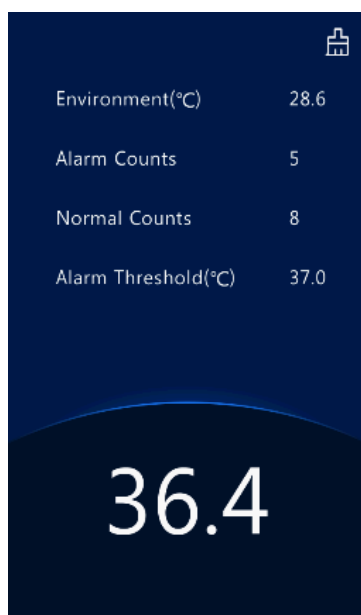
The Intelligent standing pole-mounted Measuring Instrument is a non-contact thermometer that measures body temperature on the wrist. It supports local and web operations. This manual describes how to operating a device locally or through the Web interface.

Before you begin, please follow the quick guide to complete the installation and power up.

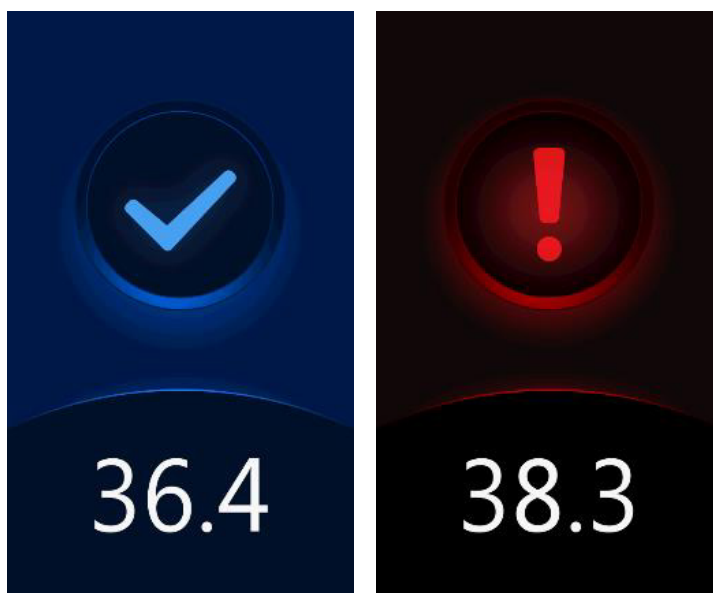
LOCAL OPERATIONS

2.1 Main Interface

When the device is not measuring temperature, environment temperature, the number of alarms and normal temperatures measured are displayed on the screen.



To take a temperature, place your wrist 1cm -4cm to the temperature measurement module. The screen displays as follows.



2.2 Screensaver Mode

It will enter the screensaver mode when there is no personnel temperature measurement or no operation for more than 30S (default value).



If someone measures the temperature or touches the screen, the system will exit the screensaver mode.

2.3 Activation Configuration

Hold down the main interface of the device for a long period of time. In the displayed password input interface, enter the configured activation password to go to the **Activation Config** interface. If you forget the password, contact the local dealer to seek help.

NOTE:

- The default password is admin. To ensure account security, please change the password after your first login.
- The activation password is consistent with the password for the admin to log in to the Web interface. If the activation password is changed, use the new password to login.

Please enter the password

Cancel

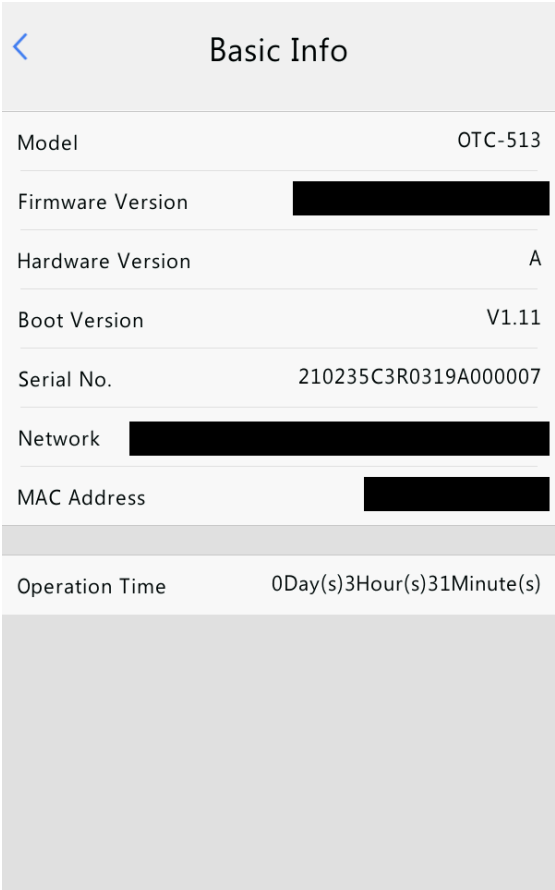
OK

On the **Activation Config** interface, you can view basic information about the device, configure the network, temperature, password, and device maintenance.



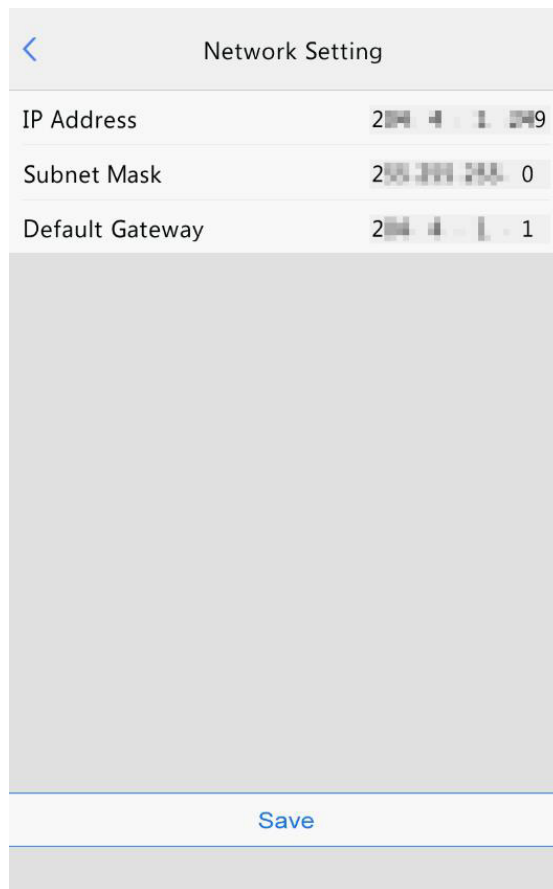
2.3.1 BASIC INFO

The Basic Info interface allows you to view the status of the current device in real time, so as to rapidly know about the device condition and better maintain the device. On the **Activation Config** interface, tap the **Basic Info** icon to take you through to the Basic Info interface.



2.3.2 NETWORK SETTING

On the Network Setting interface, you can modify the device IP address and other communication parameters so that the device can communicate with external devices. On the **Activation Config** interface, tap the **Network Setting** icon to go through to the **Network Setting** interface.



The screenshot shows a mobile application interface titled "Network Setting". It features three input fields for network configuration: "IP Address" with the value "204.4.1.249", "Subnet Mask" with the value "255.255.255.0", and "Default Gateway" with the value "204.4.1.1". Each field has a small "x" icon to its right for clearing the input. Below these fields is a large, empty light gray rectangular area. At the bottom of the interface is a blue "Save" button.

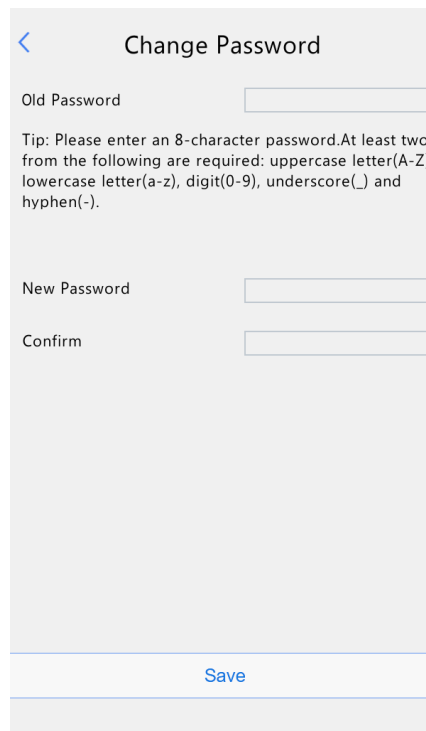
Set the network parameters by referring to the table below. Then tap save to complete network setting.

Parameter	Parameter Description & Configuration
IP Address	Enter the IP address of the device. The IP address of the device must be unique across the network.
Subnet Mask	Enter the subnet mask of the device.
Default Gateway	Enter the default gateway of the device.

2.3.3 CHANGE PASSWORD

To change the configured activation password, do as follows:

Firstly, on the **Activation Config** interface, tap **Change Password** to go to the Change Password interface.



Change Password

Old Password

Tip: Please enter an 8-character password. At least two from the following are required: uppercase letter(A-Z), lowercase letter(a-z), digit(0-9), underscore(_) and hyphen(-).

New Password

Confirm

[Save](#)

Enter the old password, new password, and confirm the new password as required.

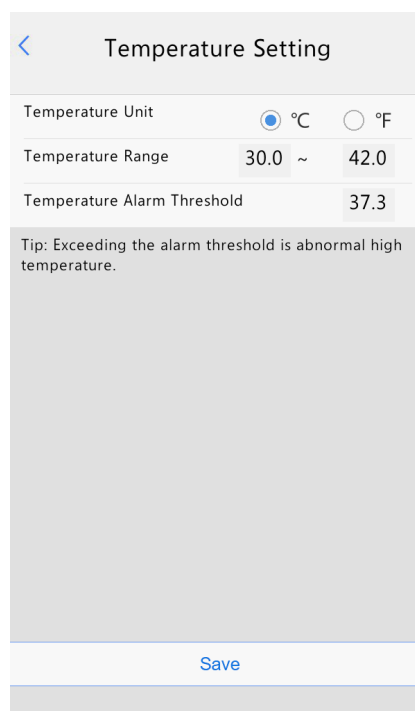
- The password must contain at least eight characters (including at least two of the following types: upper case letters, lower case letters, digits, underscores, and hyphens).
- The confirmation password must be consistent with the new password.
- The activation password is consistent with the password for the admin to log in to the Web interface. If the activation password is changed, use the new password to login.

Tap Save to complete the activation password change.

2.3.4 TEMPERATURE SETTING

Configure temperature measurement range and temperature alarm threshold.

Firstly, click the temperature Setting in Activation Config interface.



Temperature Setting

Temperature Unit ☒ °C ☐ °F

Temperature Range 30.0 ~ 42.0

Temperature Alarm Threshold 37.3

Tip: Exceeding the alarm threshold is abnormal high temperature.

[Save](#)

Set parameters by referring to the table below.

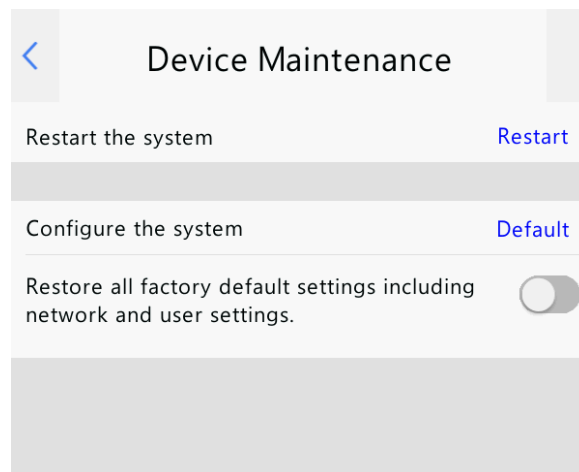
Parameter	Description
Temperature Unit	You can choose between degrees Celsius and degrees Fahrenheit.
Temperature Range	Valid range: 30-45. Default range: 35-42. Configure the range based on actual application scenes.
Temperature Alarm Threshold	When the temperature measurement module detects a temperature higher than the threshold, the abnormal temperature alarm is displayed on the GUI and the corresponding warning is sounded. Valid range: 30-45. Default: 37.3

Tap save to complete the temperature setting.

2.3.5 DEVICE MAINTENANCE

On the Device Maintenance interface, you can restart the system or restore the default configuration.

Click **Device Maintenance** in **Activation Config** interface to enter Device Maintenance.



NOTE:

If the restore all factory default settings feature is not enabled, the restore factory settings will retain the network and user settings.

WEB OPERATIONS

2.1 Login

The default static IP address of the device is 192.168.1.13. The device also supports simple login using the IP address of 192.168.0.13 and subnet mask of 255.255.255.0.

The Dynamic Host Configuration Protocol (DHCP) is enabled on the device by default. If a DHCP server is used in the network, the IP address may be assigned dynamically. In this case, use the actual IP address for login. For operations to be performed when a dynamic IP address is assigned.

The steps of logging in to the Web interface (Internet Explorer 10 as an example) are as follows:

1. Enter the IP address in the address bar of the browser and press Enter.
2. A plug-in installation prompt as shown in the figure below is displayed when you log in to the Web interface for the first time. Follow instructions on the interface to complete the plug-in installation (all browsers need to be closed for the installation), restart the Internet Explorer, and log in to the system again.

NOTE:

To manually load the ActiveX, enter `http://IP address/ActiveX/Setup.exe` in the address bar and press Enter.

3. Enter the username and password, and then click Login.



The table below describes parameters and plug-ins on the interface and their configuration.

Parameter/Plug-in	Description
Username/Password	Username and password for logging in to the Web interface. At initial login: The default username is admin and default password is admin. The password for admin to log in to the Web interface is the same as the activation password. If the activation password has been changed, enter the new password here.
Forgot Password	If the user forgets the login password, he can retire the login password. Email the device's serial number (20 characters, pasted on the device) and date (see the pop-up prompt box) to globalsupport@uniview.com for a temporary password.
Reset	After reset is clicked, the username and password boxes will be cleared.

NOTE:

- The default password is used for your first login. To ensure account security, please change the password after your first login. You are recommended to set a strong password (no less than eight characters).
- The device protects itself from illegal access by limiting the number of failed login attempts. If login fails six times consecutively, the device locks automatically for ten minutes.

NETWORK CONFIGURATION

3.2.1 Ethernet

Modify communication settings such as the IP address for the device so that it can communicate with other devices.

1. Choose Setup > Network > Network to go to the Ethernet interface.

The screenshot shows the 'Ethernet' configuration page. It is divided into three main sections, each highlighted with a red box and a circled number:

- Box 1:** Contains 'Obtain IP Address' (set to 'Static'), 'Network Isolation' (radio buttons for 'On' and 'Off', with 'Off' selected), 'IP Address' (204.1.1.74), 'Subnet Mask' (255.255.255.0), and 'Default Gateway' (204.1.1.1).
- Box 2:** Contains 'IPv6' settings: 'IPv6 Mode' (set to 'Manual'), 'IPv6 Address' (empty), 'Prefix Length' (64), and 'Default Gateway' (empty).
- Box 3:** Contains 'MTU' (1500), 'Port Type' (FE Port), and 'Operating Mode' (Auto-negotiation).

A 'Save' button is located at the bottom of the form.

2. Set Obtain IP Address as shown in **part 1** of the figure above.

This close-up shows the 'Obtain IP Address' section. The 'Obtain IP Address' dropdown is set to 'Static'. Below it, 'Network Isolation' has 'On' and 'Off' radio buttons, with 'Off' being the selected option. The 'IP Address' field contains '204.1.1.74', 'Subnet Mask' is '255.255.255.0', and 'Default Gateway' is '204.1.1.1'.

Set network parameters by referring to the table above.

Parameter	Description & Configuration
Network Isolation	Keep the default value Off. It cannot be configured.
IP Address	Enter the IP address of the device. The IP address of the device must be unique across the network and cannot begin with 127.
Subnet Mask	Enter the subnet mask of the device.
Default Gateway	Enter the default gateway of the device.

When Obtain IP Address is set to PPPoE, complete the configuration by referring to the figure below. If the device is connected to the network through Point to Point over Ethernet (PPPoE), you need to select PPPoE as the IP obtainment mode. Then enter the username and password provided by your internet Service Provider (ISP).



Obtain IP Address: PPPoE

Username: user

Password: [Masked]

When Obtain IP Address is set to DHCP, complete the configuration by referring to the figure below. The Dynamic Host Configuration Protocol (DHCP) is enabled by default when the device is delivered. If a DHCP server is deployed in the network, the device can automatically obtain an IP address from the DHCP server.



Obtain IP Address: DHCP

3. Configure IPv6 settings as shown in **part 2** of the figure on the previous page.

Parameter	Description & Configuration
IPv6 Mode	The default value is Manual. Keep the default value here.
IPv6 Address	Enter the IPv6 address of the device. The IP address of the device must be unique across the network.
Prefix Length	Enter the length of the subnet prefix of the device.
Default Gateway	Enter the default gateway of the device.

4. Set parameters as shown in **part 3** on the diagram on page 10.

Parameter	Description & Configuration
MTU	The value ranges from 576 to 1500. This parameter is not displayed when Obtain IP Address is set to PPPoE.
Port Type	The default value is FE Port. Keep the default value.
Operating Mode	Choose one of the options provided.

5. Click Save to complete the configuration.

3.2.2 DNS

1. Click Setup > Network > DNS.

Preferred DNS Server	<input type="text" value="8.8.8.8"/>
Alternate DNS Server	<input type="text" value="8.8.4.4"/>

2. Set Preferring and Alternate DNS server addresses.

3. Click Save.

3.2.3 Port Setting

Port

1. Click Setup > Network > Port. Go to Port tab.

Port	Port Mapping
HTTP Port	<input type="text" value="80"/>
HTTPS Port	<input type="text" value="443"/>
RTSP Port	<input type="text" value="554"/>
Note: Modifying the RTSP port number will cause the device to restart.	
<input type="button" value="Save"/>	

2. Configure relevant port numbers.

3. Click Save

Port Mapping

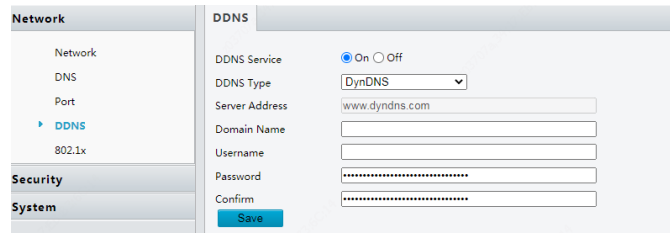
1. Click Setup > Network > Port. Go to Port Mapping tab.

Port	Port Mapping		
Port Mapping <input type="radio"/> On <input checked="" type="radio"/> Off			
Mapping Type <input type="text" value="Automatic"/>			
Port Type	External Port	External IP Address	Status
HTTP Port	<input type="text" value="80"/>	0.0.0.0	Inactive
RTSP Port	<input type="text" value="554"/>	0.0.0.0	Inactive
Server Port	<input type="text" value="81"/>	0.0.0.0	Inactive
HTTPS Port	<input type="text" value="443"/>	0.0.0.0	Inactive
<input type="button" value="Save"/>			

2. Enable Port Mapping and select mapping type. If Manual is selected, then external ports must be configured (external IP is obtained automatically by the camera). If the configured port is occupied, then the Status will show Inactive.

3. Click Save.

3.2.4 DDNS



The screenshot shows the 'DDNS' configuration page. On the left is a sidebar with 'Network' expanded, containing 'DNS', 'Port', '802.1x', 'DDNS' (selected), 'Security', and 'System'. The main area is titled 'DDNS' and contains the following fields: 'DDNS Service' with radio buttons for 'On' (selected) and 'Off'; 'DDNS Type' with a dropdown menu showing 'DynDNS'; 'Server Address' with a text field containing 'www.dyndns.com'; 'Domain Name' with an empty text field; 'Username' with an empty text field; 'Password' with a masked text field; and 'Confirm' with a masked text field. A 'Save' button is at the bottom.

1. Click Setup > Network > DDNS.

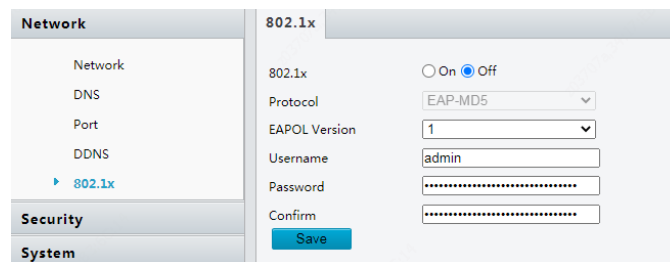
2. Enable DDNS Service.

3. Select a DDNS type

4. Complete other settings including server address, domain name, username and password.

5. Click Save.

3.2.5 802.1x



The screenshot shows the '802.1x' configuration page. On the left is a sidebar with 'Network' expanded, containing 'DNS', 'Port', 'DDNS', '802.1x' (selected), 'Security', and 'System'. The main area is titled '802.1x' and contains the following fields: '802.1x' with radio buttons for 'On' and 'Off' (selected); 'Protocol' with a dropdown menu showing 'EAP-MD5'; 'EAPOL Version' with a dropdown menu showing '1'; 'Username' with a text field containing 'admin'; 'Password' with a masked text field; and 'Confirm' with a masked text field. A 'Save' button is at the bottom.

802.1x provides authentication to devices trying to connect to a network. Only the authenticated devices can connect the network. This enhances security.

1. Click Setup > Network > 802.1x.

2. Select On and then complete the other settings.

3. Click Save.

SECURITY

User

There are two types of users in the system:

Administrator:

referred to as "admin" in this manual. The default name of the administrator is admin, which cannot be modified. Admin has full permission and can manage all users and devices. Only one admin user is allowed in the system.

Common user:

referred to as "user" in this manual. User only has permission to play live and recorded video. Up to 32 common users are allowed in the system.

You can add a user on the user management interface under Setup > Security > User.

After the user is added successfully, you can change the password by entering the new password or delete the user by clearing the username.

NOTE!

- Only admin can change passwords. Changing the username or password for a user when the user is still logged in will force the user to log out. The user must use the new username or password to log in.
- Only admin can add and delete users. Deleting a user when the user is still logged in will force the user to log out. A deleted user cannot log in.
- This function of playing live and recorded video is not supported by some models. So it doesn't make sense to add common users. Please see the actual model for details.

Network Security

After security information transmission is set, you can establish an information security channel to ensure data transmission security.

HTTPS

Click Setup > Security > Network Security > HTTPS.

Select On for HTTPS. You may import a custom SSL certificate as needed.

Click Save.

ARP Protection

This function protects a device from ARP attacks. The gateway and the MAC address must be set properly before a PC can access the device from another network; if an incorrect MAC is set, only PCs on the same LAN can access.

Click Setup > Security > Network Security > ARP Protection.

Select the check box to enable the ARP binding function and set the gateway MAC address.

Click Save.

IP Address Filtering

Use IP address filtering to allow or forbid access from specified IP address(es).

Click Setup > Security > Network Security > IP Address Filtering.

Select On to enable IP address filtering.

Select a filtering mode, and then add IP address(es).

Click Save.

Access Policy

Click Setup > Security > Network Security > Access Policy.

Select On to enable friendly password and MAC Authentication.

Click Save.

