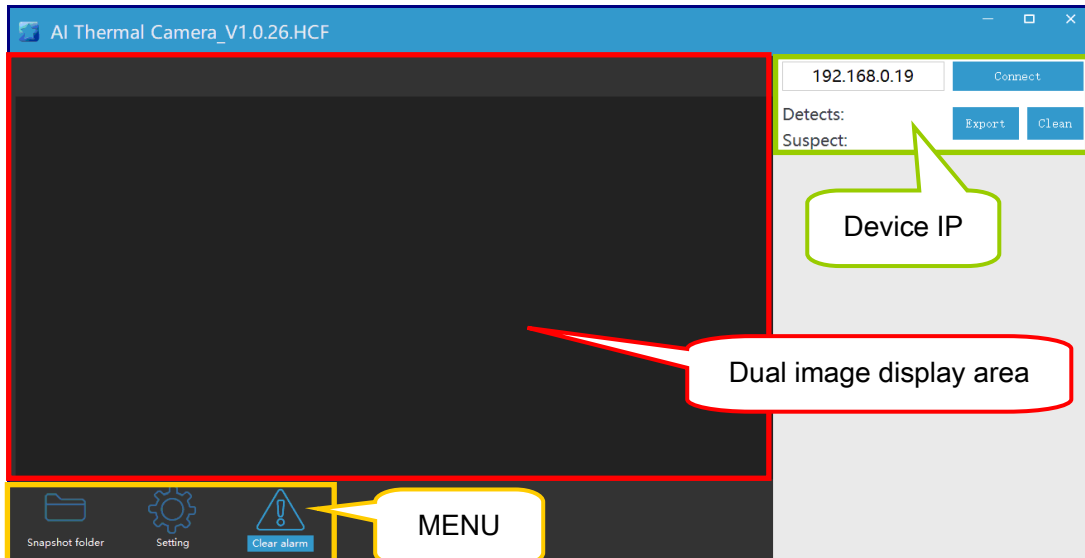


Hybrid Dual Image AI Thermal Network Camera

User Manual V0.4

1. Installation

- 1.1 Install VMS Execution File (here called the VMS) to PC.
- 1.2 Click the VMS program to open. The UI (User Interface) is as below:

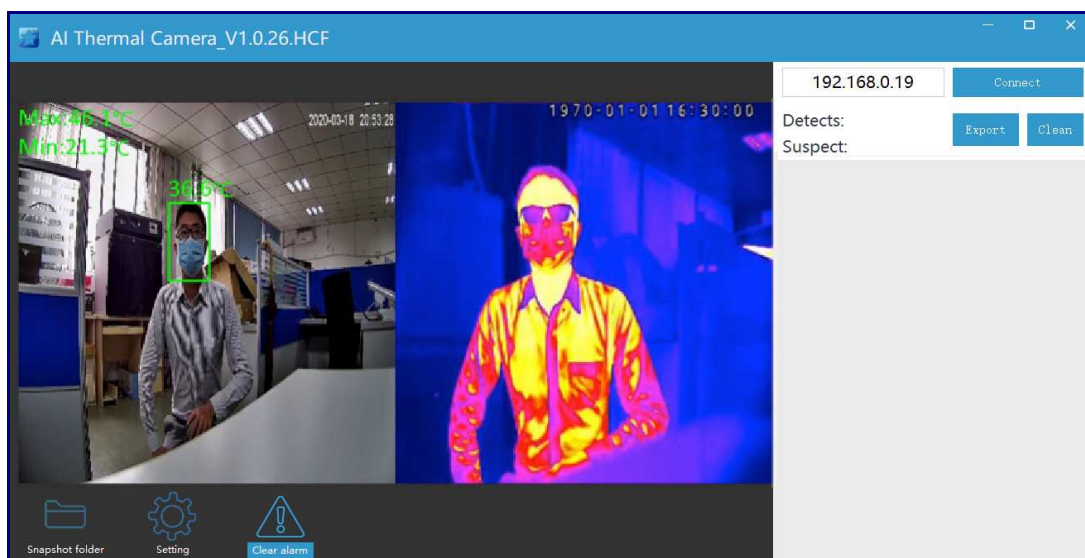


2. Connection

- 2.1 Set the device IP and PC on the same network segment.
- 2.2 Click the "Connect" icon to connect device automatically.

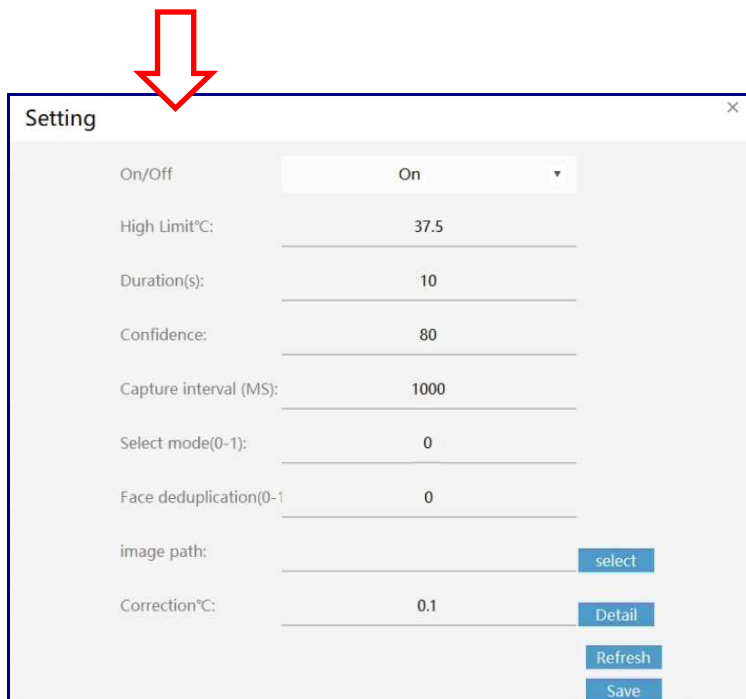
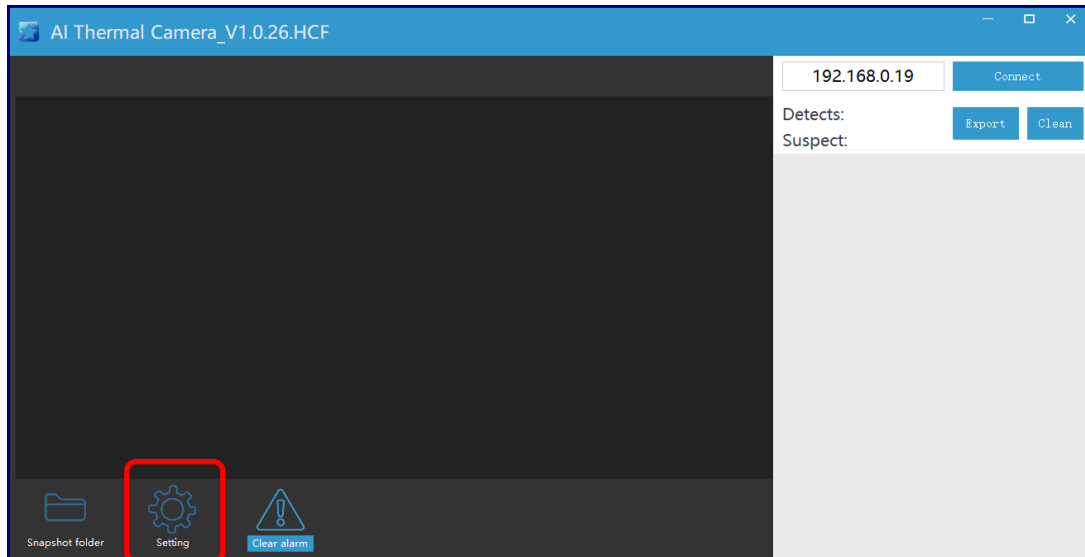
3. Dual Image Display

As the below UI, the object(s) will be framed and measured temperature automatically. At the same time, the Max. and Min. temperature of the environment will be displayed on screen.



4. Setting

4.1 Click the “Setting” icon to enter menu as below:

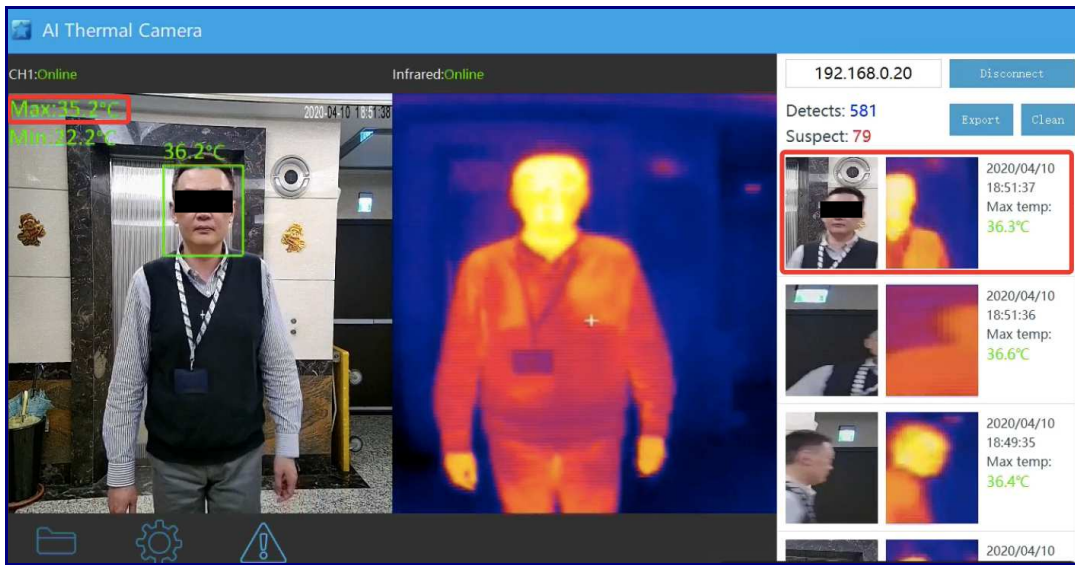


4.2 Enable the feature “**On**” to issue an alert when the temperature of object is higher than the **High Limit°C** temperature setting. You can also set the **Duration(s)** of alert reminder.

4.3 **Confidence**: The similarity of faces. The smaller the value, the lower the acquaintance.

4.4 **Capture interval (MS)**: Set the image capture interval. The minimum value is 1000 (MS).

4.5 **Select mode(0-1)**: According to the Max. temperature of the environment (the example in the figure below is Max: 35.2°C), set “**1**” when the Max. temperature is lower than or equals to 28°C; set “**0**” when the Max. temperature is higher than 28°C.



4.6 **Face deduplication(0~1)**: Set "0" to do not repeat the snapshot. Set "1" to repeat the snapshot.

4.7 **Image Path**: Select the path for storing photos.

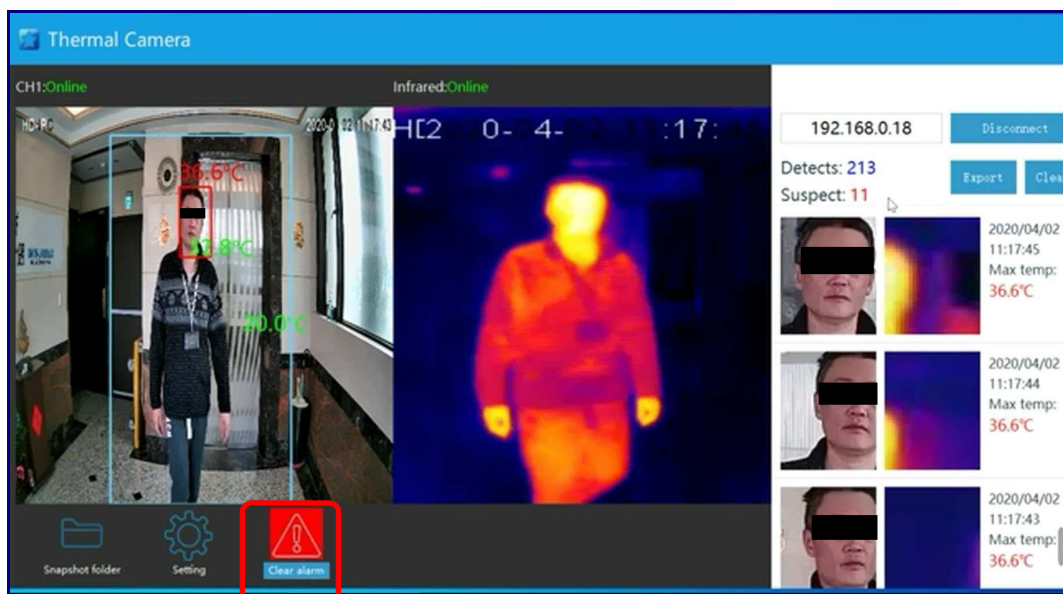
4.8 **Correction°C**: Correction Formula = Body temperature – Max. temperature – 1

Obtain the body temperature of the person standing in front of the device and the Max. temperature of the environment. The example in the figure above is:

$$36.3 \text{ (Body temperature)} - 35.2 \text{ (Max. temperature)} - 1 = 0.1 \text{ (Correction°C)}$$

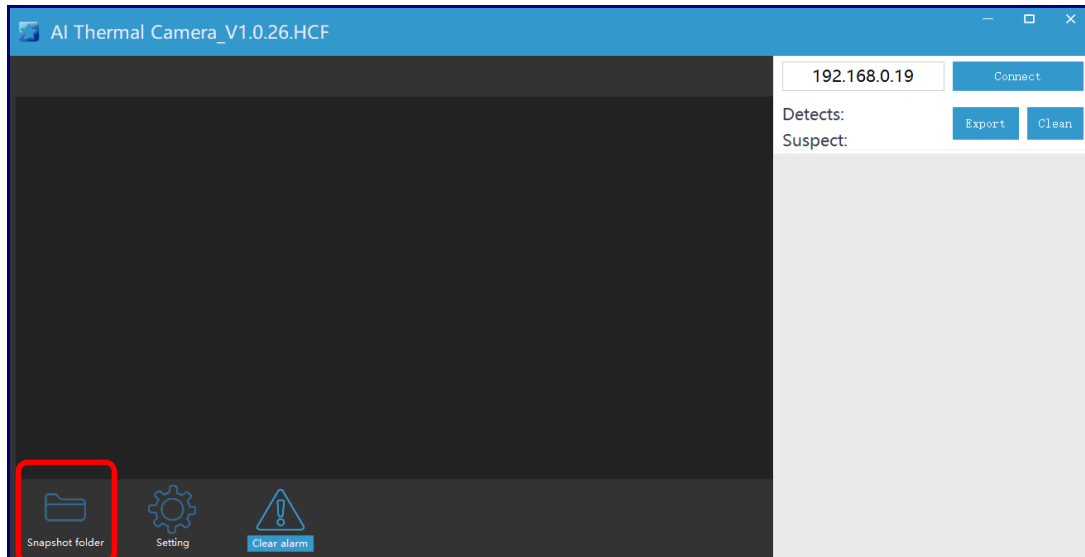
5. Alert

The hybrid images (video image and thermal image) of the measurement object(s) will be displayed side by side in the right column of the UI, and the measurement time and measurement temperature will be listed. When an alert is detected, the temperature will be displayed in red and the "Alert" icon will flash.

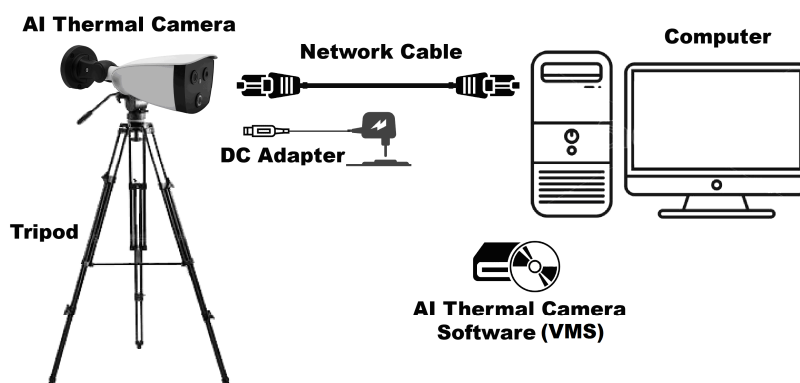


6. Photo folder

Snapshot pictures and alert pictures are automatically saved in the default folder. Click to view.



7. Architecture Diagram



8. Erection Diagram

