

Contents



Each box contains:

- Infrared Thermal Imaging Camera
- Quick Guide


Download and installation instructions



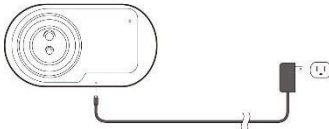

Min. Computer Requirements:

- Intel Core i5 CPU or above
- 4GB Memory or above
- Main Disc Capacity 200GB or more
- Secondary Disc Capacity 1TB or more
- Windows 7 / 10 OS

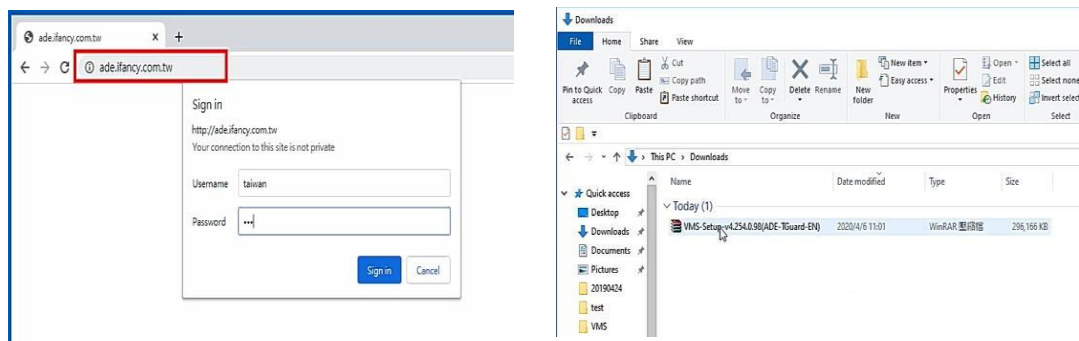
The link to download the T-Guard app is provided in Step 2 of the Quick Guide.

FCC Supplier's Declaration of Conformity			
<ul style="list-style-type: none"> • Responsible Party Name: BENQ AMERICA CORP. • Address : 3200 PARK CENTER DRIVE, SUITE 150, COSTA MESA, CA 92626 • Telephone : (714) 559-4900 • Declares below product complies with FCC Part 15 Subpart B • Product name : Thermal Temp. Display Camera • Model number : AD-FS048 			
<p>This device complies with Part 15 of the FCC Rules. Operation is subject to the following</p> <ol style="list-style-type: none"> 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation 			
ONE YEAR LIMITED WARRANTY			
Serial No.		Date of Purchase	Y/ M/ D/
Model Name		Expiration Date of Warranty	Y/ M/ D/
Reseller Name			
Reseller Address			
Authorized distributor company stamp			
<p>The following is the rule of Serial number composition e.g. SN:xyzz0001 → SN:(Fix),xx(Year),yy(Month),zz(Day),0001(Serial Number)</p>			
			

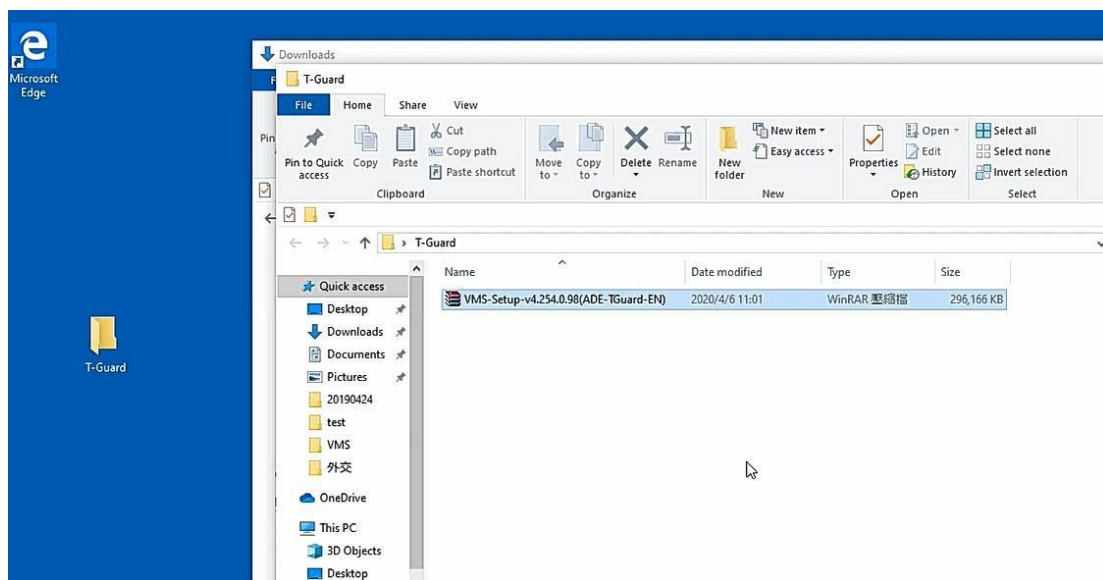
Quick Guide

STEP 1	Warranty Policy
<p>Plug in the micro USB cable as seen in the image below. The camera will turn on automatically. (Adapter : MFR : UNIFIVE / M/N : UN318-0526)</p> 	<ol style="list-style-type: none"> 1. The products come with a 1 year warranty. Please check this warranty card that is provided with purchase of product for exact warranty terms. 2. For RMA issue please contact authorized local distributors or resellers for service. 3. RMA service is applicable only in the country where the products are purchased. 4. The products are not designed for medical, emergency and life supporting systems. 5. The following scenarios are not included in warranty coverage. Service fee is required for RMA service : A. Product is out of warranty expiration date issued on the warranty card. B. Damages caused by natural disasters or improper handling & operation. C. Damages caused by disassembling device or installing (additional) unofficial hardware or components. D. Damages caused by modifying software. E. No document of purchase and visible label with serial number. F. Damages caused by not following instructions on manual or false operation. 6. --- : To indicate on the rating plate that the equipment is suitable for direct current only.
<p>STEP 2 Access T-Guard software and video installation guide at: http://ade.ifancy.com.tw/ Username: taiwan Password: ade</p>	
<p>STEP 3 Link the device to a PC over a network cable.</p> 	

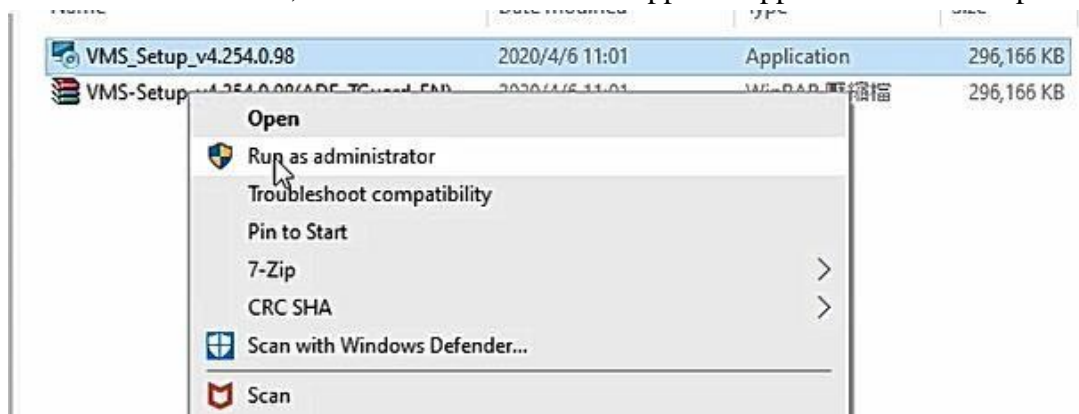
Open a browser and link to the URL provided.



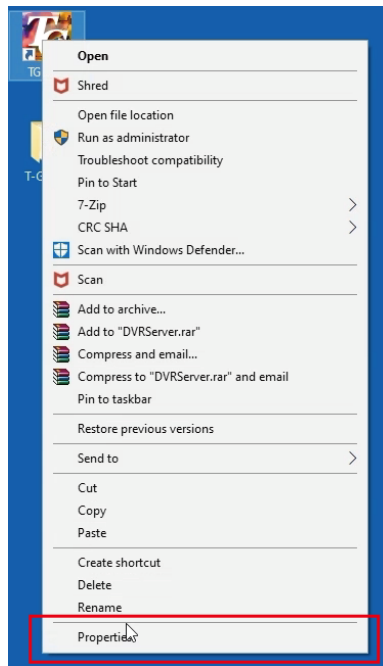
- Create a new folder on the Desktop. Name it “T-Guard.”
- Save the installation file “VMS-Setup-v4.25.0.xx” to the T-Guard folder
- Extract the file



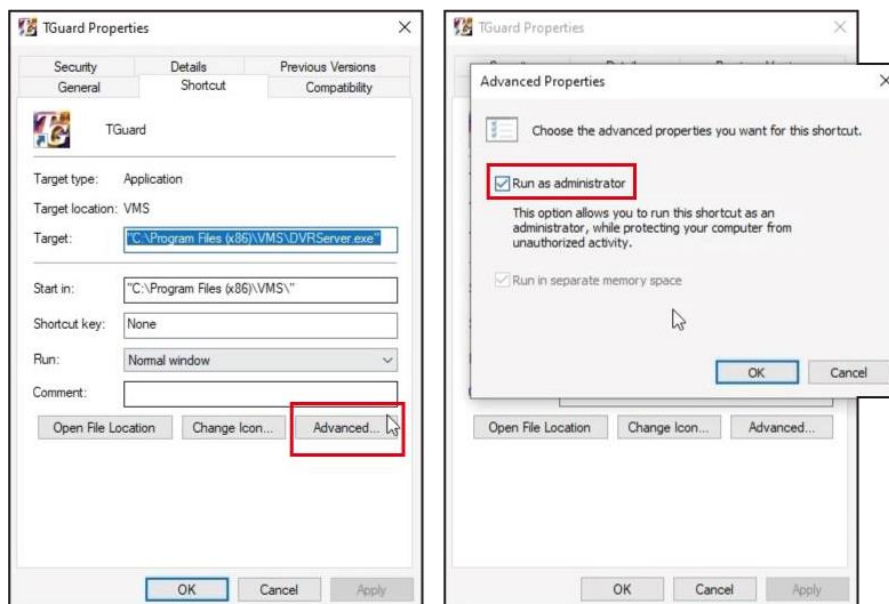
- Right-click on the installation file. Select “Run as administrator.”
- After installation, a shortcut to the T-Guard app will appear on the Desktop.



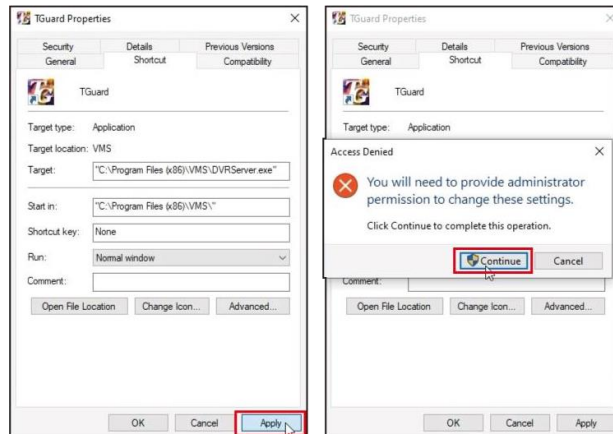
- Right-click the T-Guard icon.
- Select “Properties.”



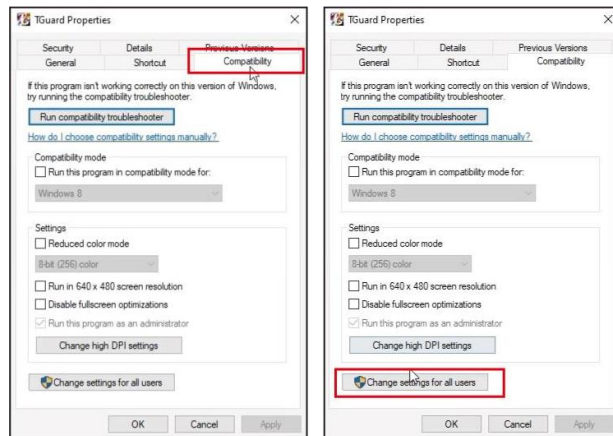
- Select “Advanced...”
- Tick the checkbox for “Run as administrator.”



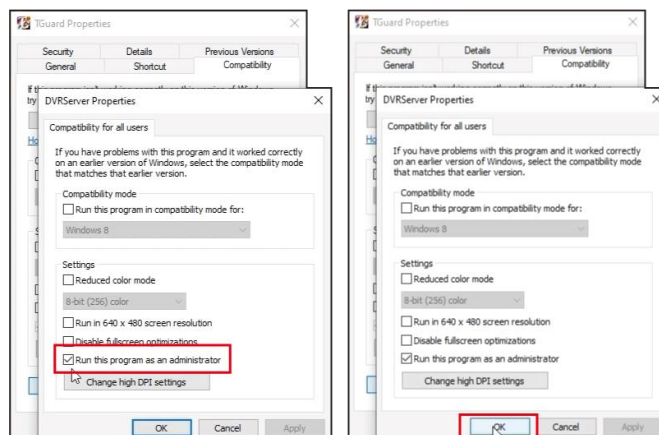
- Click “OK.” Then click “Apply.”
- Click “Continue.”



- Select “Compatibility.”
- Click “Change settings for all users.”



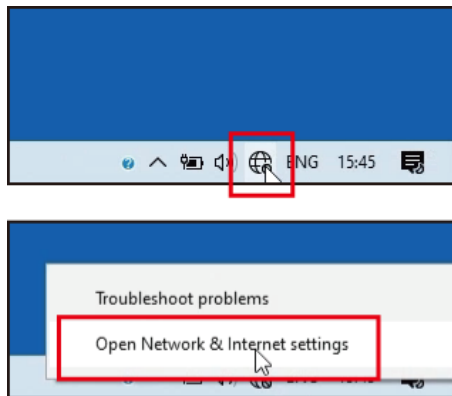
- Tick the checkbox for “Run this program as administrator.”
- Press “OK” and exit.



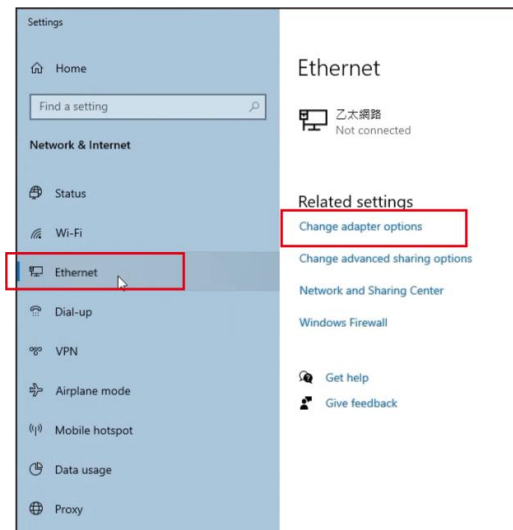
Network settings on the PC



Right-click on “Network & Internet Settings”



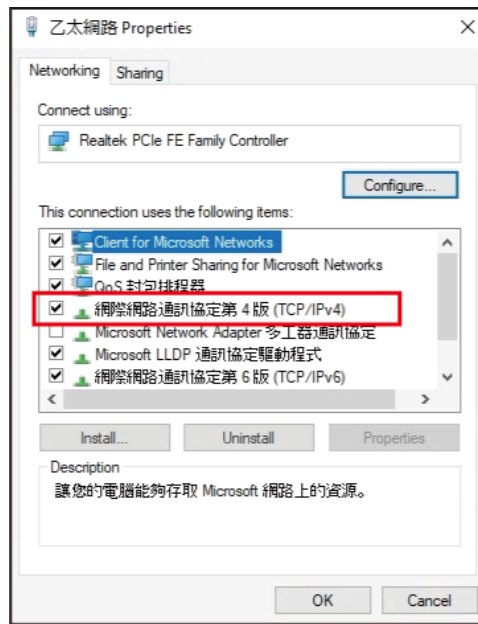
- Select “Ethernet.”
- Click “Change adapter options.”



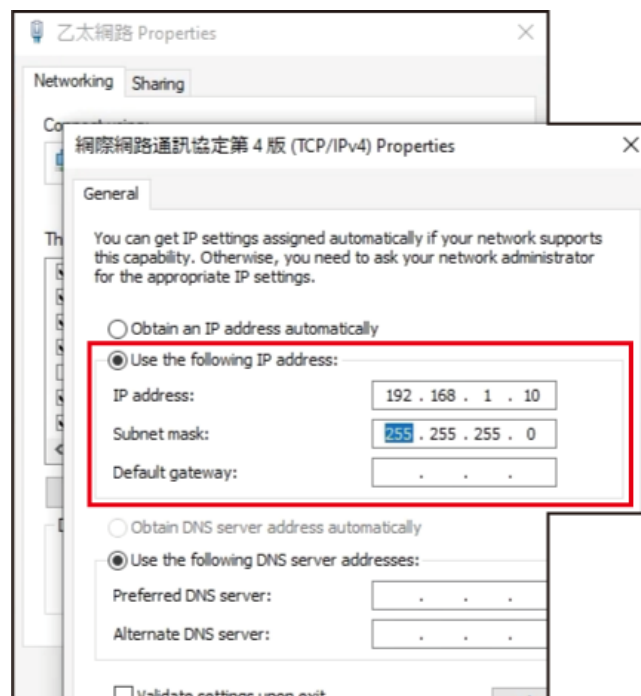
Click “Network cable unplugged.”



Click “TCP/IPv4.



- Select “Use the following IP address.”
- Enter “192.168.1.10” in “IP address:”
- Enter “255.255.255.0” in “Subnet mask.”
- Press “OK” and exit.



Run the T-Guard app.

Installation of infrared thermal imaging camera



The camera body has three quarter-inch screw holes.

Depending on your tripod configuration, you may mount it from the top, bottom, or rear.



- Insert a network cable into the LAN port on the thermal imaging camera.
- Plug the power cable into the thermal imaging camera.
- Insert the other end of the LAN cable into a LAN port on your PC.



The power adapter supports 100V to 240V input

- After turning on, wait for the blue indicator light to stop flashing. This indicates that the device is operating normally.
- To ensure accurate measurements, allow the thermal imaging camera to warm up for 10 minutes prior to use.



Setting up a screening passageway

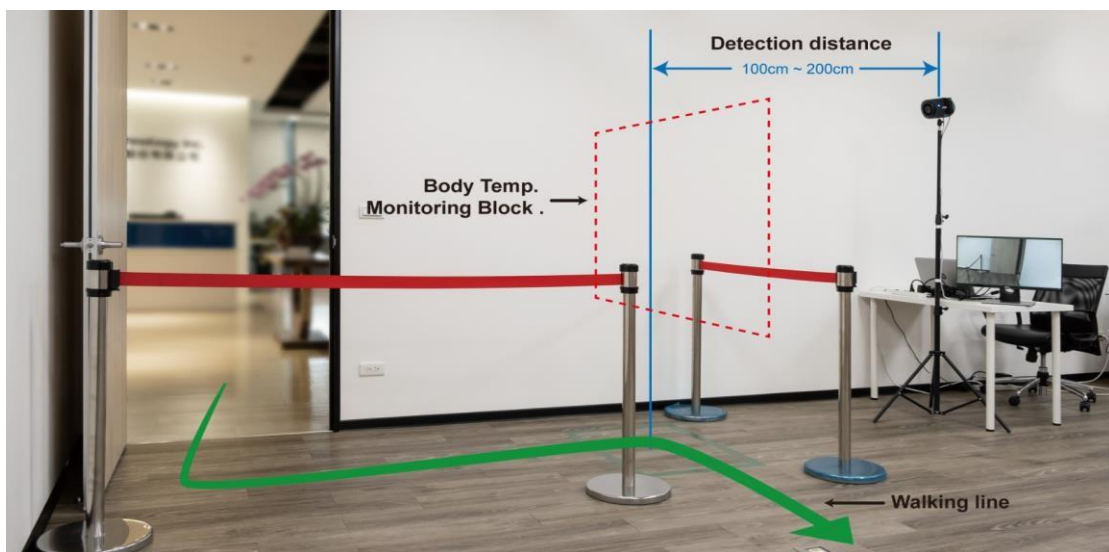


- The thermal imaging camera should be set up at around 180 cm to 200 cm from the ground.

- The correct depression angle is 10 to 15 degrees.



- Detection is most accurate at between 100 cm and 200 cm.
- The thermal imaging camera must be pointed in the direction of approaching people.
- Individuals being scanned may exit after passing through the predefined Body Temperature Monitoring Block.
- The background within the Body Temperature Monitoring Block should be free of other heat-emitting items.



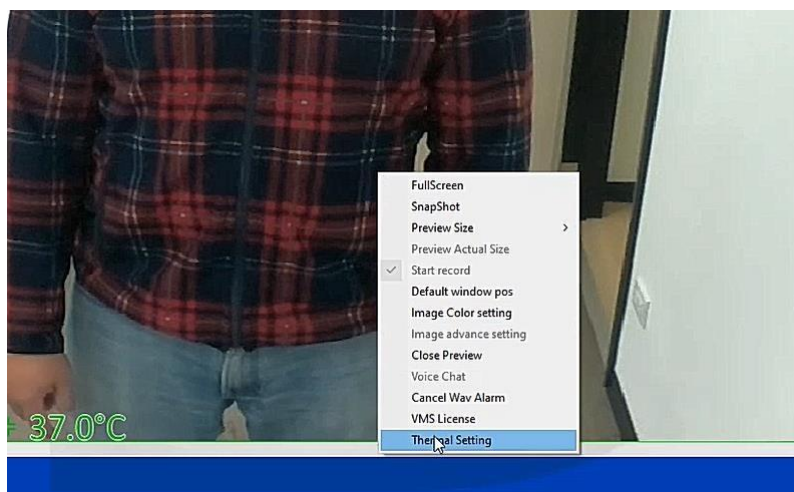
Temperature measurement settings



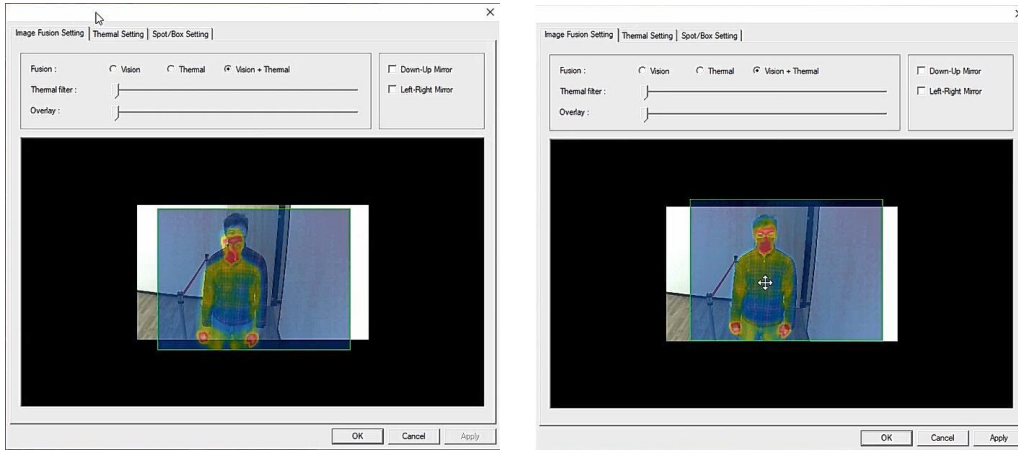
- Run T-Guard software.
- A live image will automatically come on screen.
- One inspector should stand beside the Body Temperature Monitoring Block.
- Use a forehead thermometer to detect body temperature.
- For example, let's say the temperature taken is 36.5 degrees Celsius.



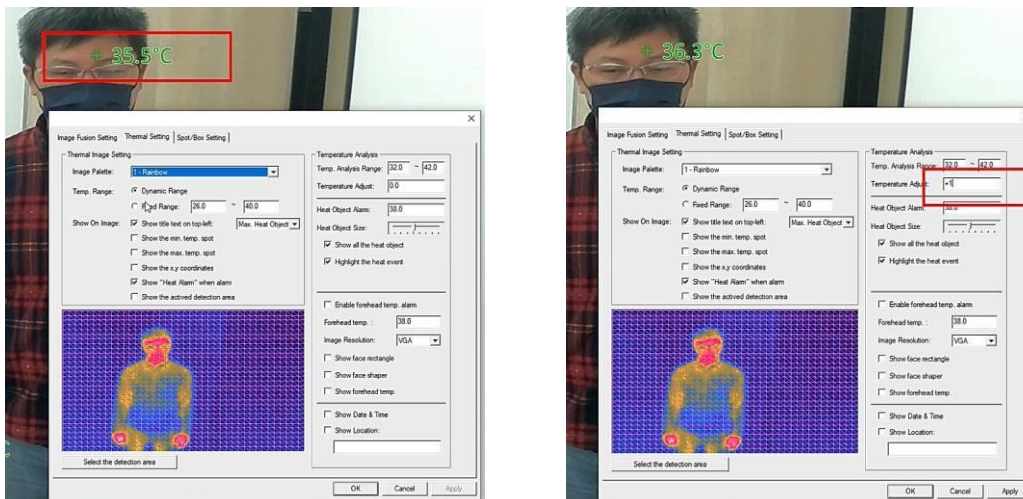
- First, right-click on the live image.
- Then click “Thermal Settings.”



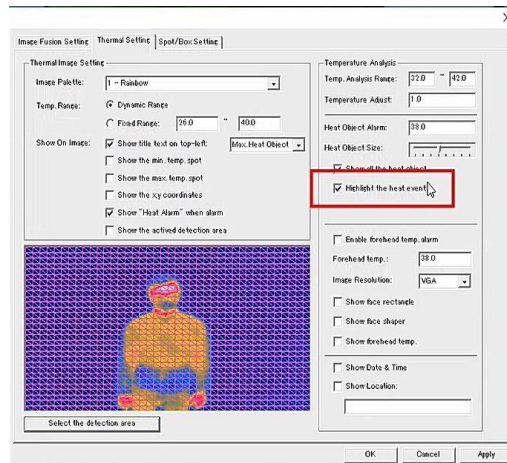
- In “Image Fusion Settings,”
- left-click and hold the thermal image,
- then drag the thermal image so that it overlays the visual image.
- Click “Apply.”



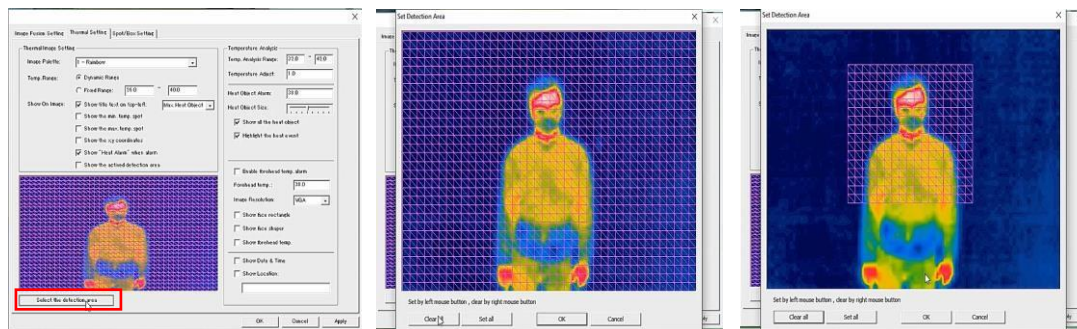
- Click “Thermal Setting.”
- Observe individuals’ body temperature over a period of one to two minutes.
- If most of the temperatures recorded are 35.5 degrees,
- while the temperature recorded with the forehead thermometer was 36.5 degrees,
- the thermal imaging camera must be synchronized to the forehead thermometer’s results by selecting “+1 C” in the “Temperature Adjustment” setting.
- The thermal imaging camera should be calibrated every day prior to use.



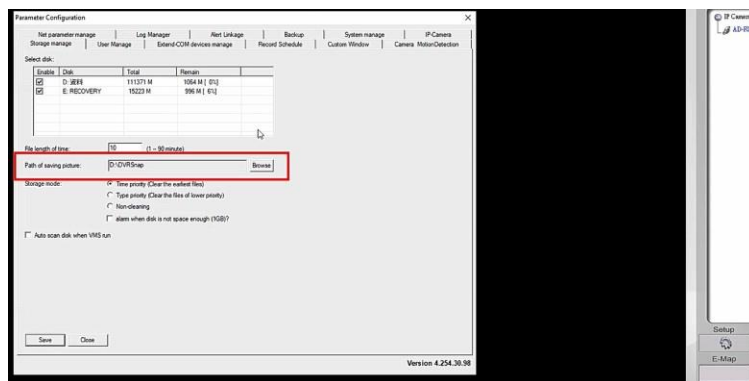
Tick the checkbox “Highlight the heat event.”



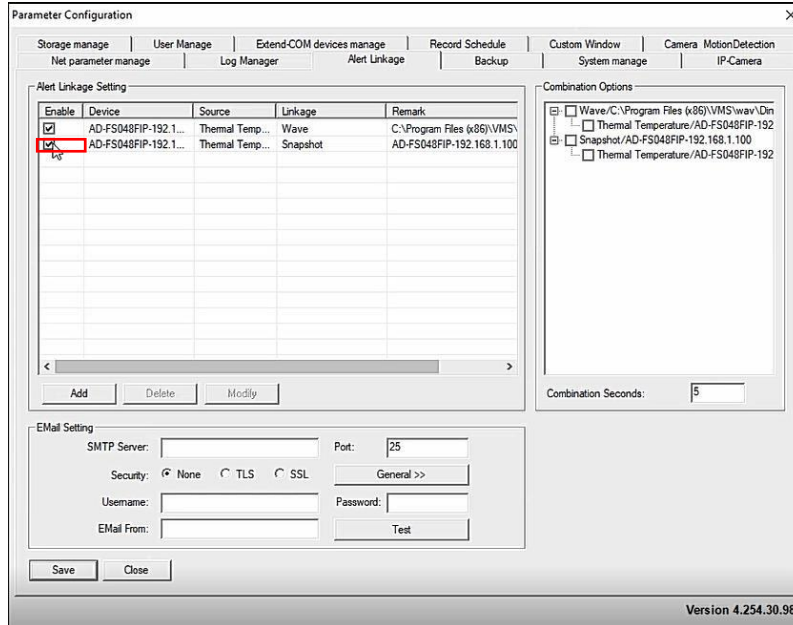
- Click “Select the detection area.”
- Click “Clear all.”
- Left-click and hold the image.
- Now, with the mouse, define the temperature detection area.
- Right-click and hold the image to erase the defined detection area.
- Press “OK” and exit.



- Click “Setup.”
- In “Storage manage”
- the location where snapshots are saved may be changed in “Path of saving picture:” (The default is D:/DVRSnap).



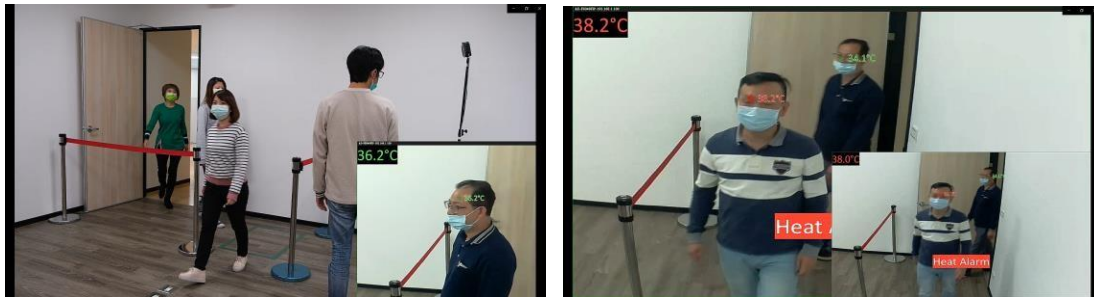
- Select “Alert Linkage.”
- Tick the checkbox for “Snapshot.”
- Click “Save.”
- Click “Close” and exit.



Screening passageway operation



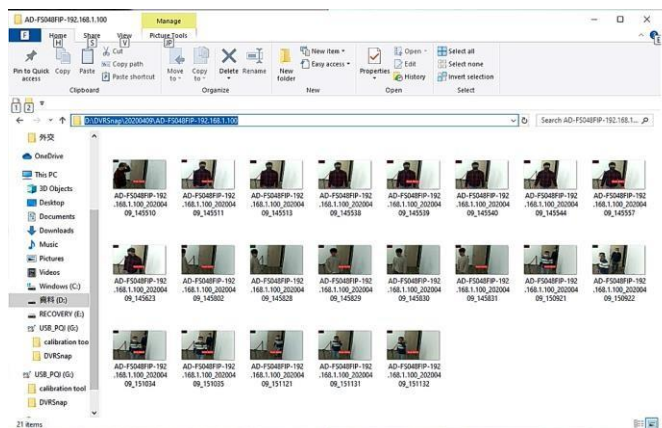
- Individuals must pass through the screening area one by one.
- At the top left of the screen, a “green” temperature indicates a normal body temperature.
- If the top left indicates “red,” it indicates an abnormal body temperature.
- When an abnormal temperature is detected, the “Heat Alarm” warning message will display over the live image.
- The system will capture the live image, display it at the lower right corner of the screen, and sound an alert.
- The playback volume may be adjusted through the PC’s volume settings.



Heat alarm snapshot photos will be saved in D:/DVRSnap or the user-defined location.



You could find all the heat alarm snapshot photos in D:/DVRSnap



Thanks for watching!

