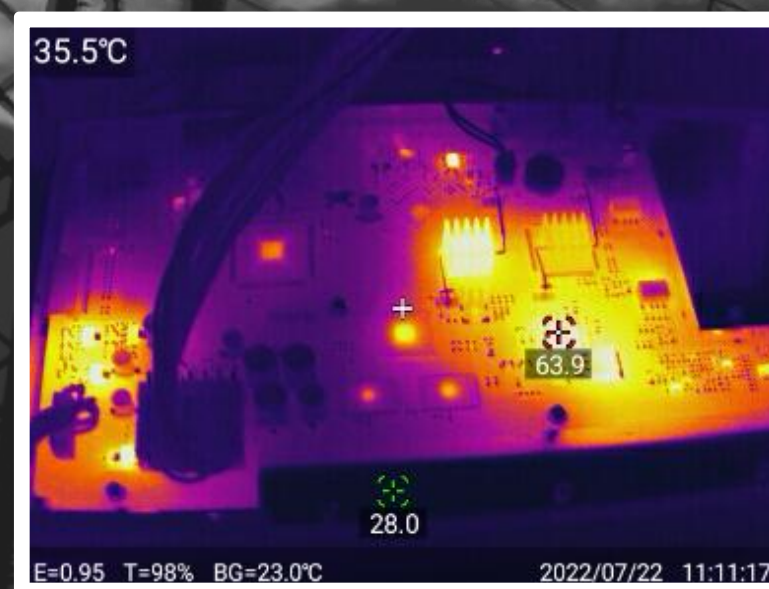


# UTi256G UTi384G

High-end Thermal Imager

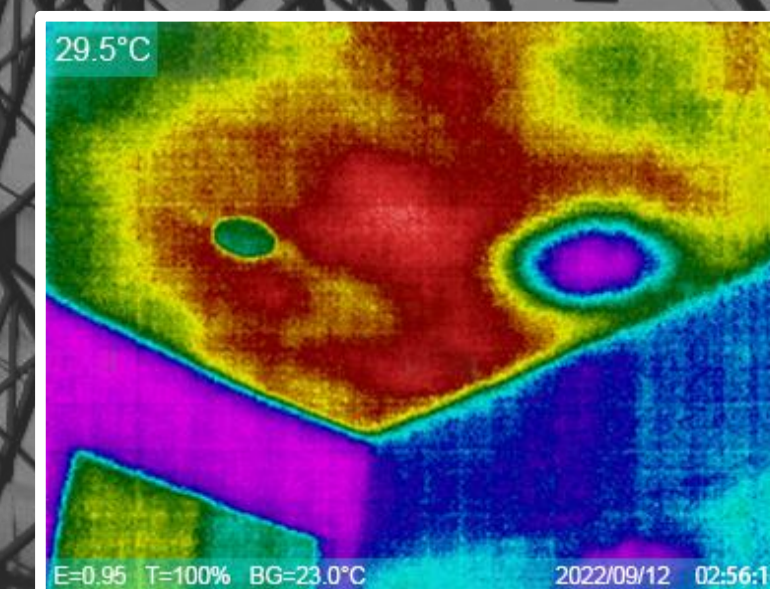
Make measuring work more professional



Electronics R&D



Electric Equipments



Building Diagnostics



Automotive Diagnostics

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Part  
01

Product Comparison

# Product Comparison



## UTi256G

|                                  |                          |
|----------------------------------|--------------------------|
| IR resolution (Pixels)           | 256x192                  |
| Display                          | 3.5" IPS Touch (640x480) |
| Field of view(FOV)               | 28°×20°                  |
| Frame rate                       | ≤30Hz                    |
| Focus                            | Manual                   |
| Temperature measurement range    | -20°C~550°C              |
| Digital camera resolution        | 5MP                      |
| On screen analyzer               | 3 Points/3 Lines/3 Areas |
| Video recording/ Voice recording | X / √                    |
| Wi-Fi / Bluetooth                | √                        |
| Laser pointer                    | √                        |



## UTi384G

|                          |                                  |
|--------------------------|----------------------------------|
| 384×288                  | IR resolution (Pixels)           |
| 3.5" IPS Touch (640x480) | Display                          |
| 42°×30°                  | Field of view(FOV)               |
| ≤30Hz                    | Frame rate                       |
| Manual                   | Focus                            |
| -20°C ~ 550°C            | Temperature measurement range    |
| 5MP                      | Digital camera resolution        |
| 5 Points/5 Lines/5 Areas | On screen analyzer               |
| √ / √                    | Video recording/ Voice recording |
| √                        | Wi-Fi / Bluetooth                |
| √                        | Laser pointer                    |

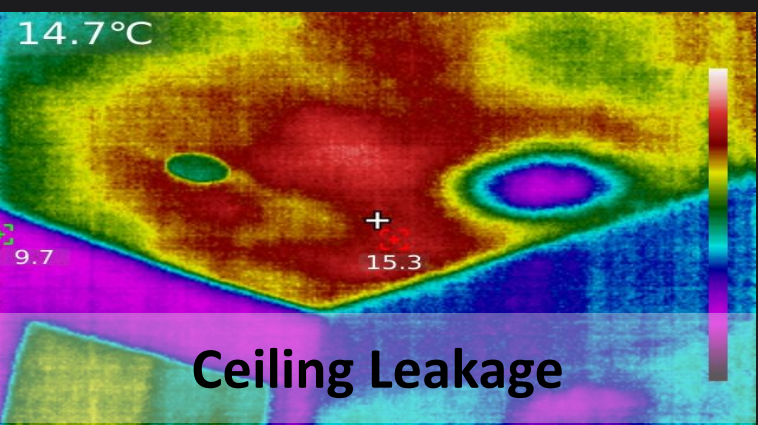
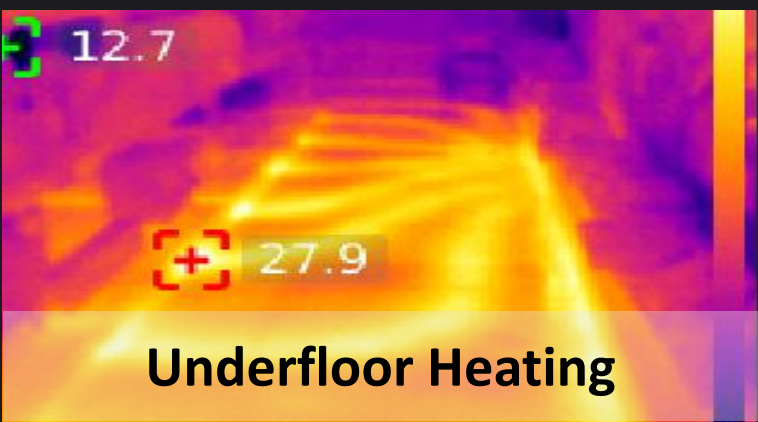
# Part 02 Applications



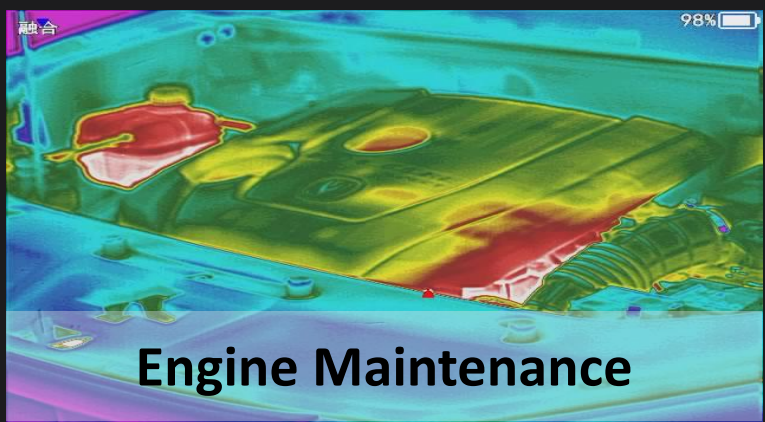
# Applications



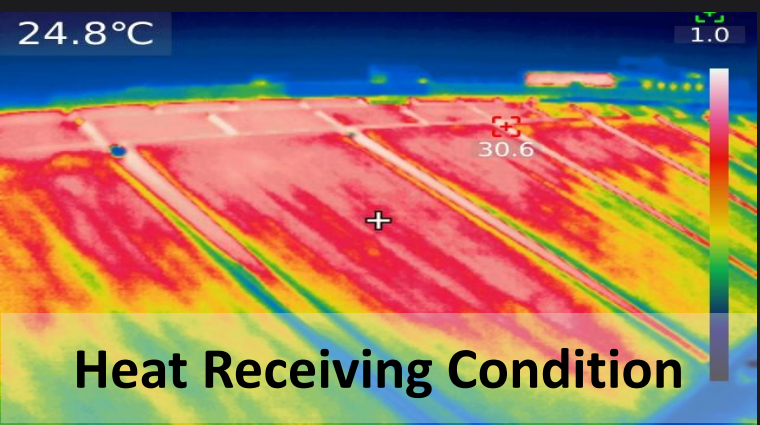
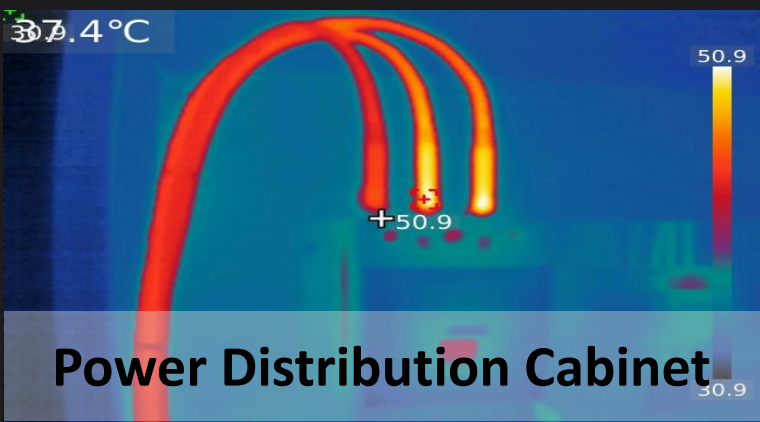
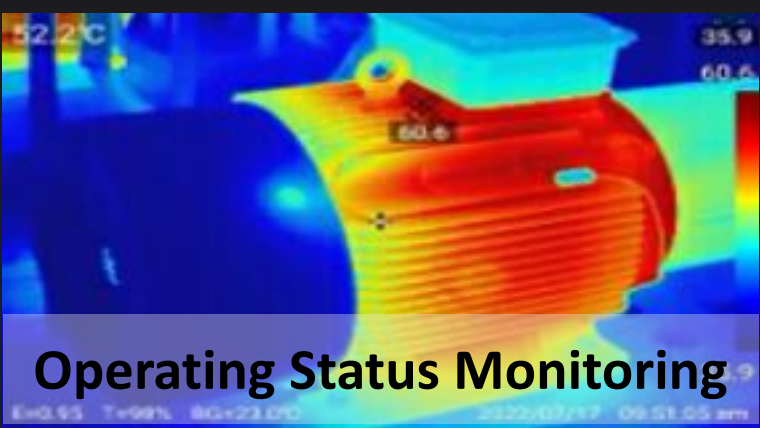
## Building & HVAC



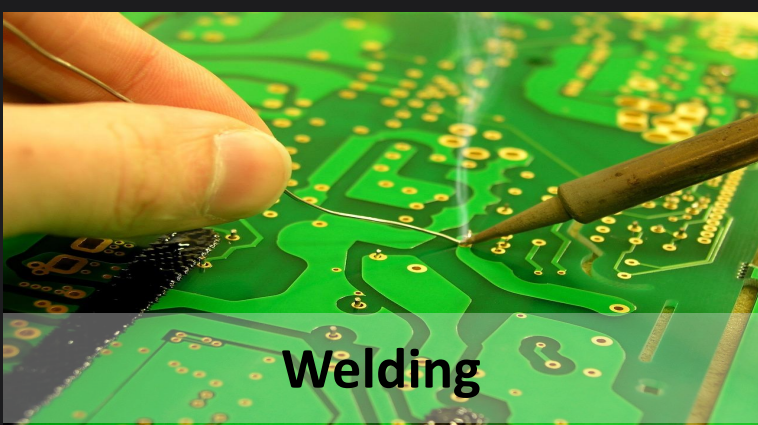
## Automotive



## Manufacturing



## Electronics R&D



Part  
03

Structure Introduction

# Structure Introduction



LED Light

Infrared Camera

Laser Pointer

Digital Camera



Power Button

Up/Down/Left/Right Navigation Button, SET Button

Library Button

Hand Strap Buckle

Return Button

LED Light

Focusing Ring

Laser Trigger

Camera Trigger



# Structure Introduction

UNI-T®

## UT-M17



- Detachable battery with Snap-on design
- Rechargeable Li-ion Battery Pack with 5200mAh / 3.7V
- One-tap at battery capacity checking

Part  
04

Unique Selling Points

# Unique Selling Points

UNI-T®



- IR resolution: 256×192 (UTi256G) , 384×288 (UTi384G)
- Temperature measurement range: -20°C~550°C
- **Display: 3.5" IPS Touch (640x480)**
- **Manual Focusing**
- Frame rate: 30Hz
- Digital camera resolution: 5MP
- Image modes: Thermal, Visual image, Fusion, PIP
- **Video recording: Only available on UTi384G**
- **Voice recording & Audio annotation**
- On screen analyzer
- **Digital zoom: 2x, 4x**
- **LED light & Laser pointer**
- Detachable battery pack
- 8GB internal & up to 32G external
- Professional analysis software (PC & APP)

Part  
05

Functions Demonstration

# Focusing Ring

**UNI-T®**



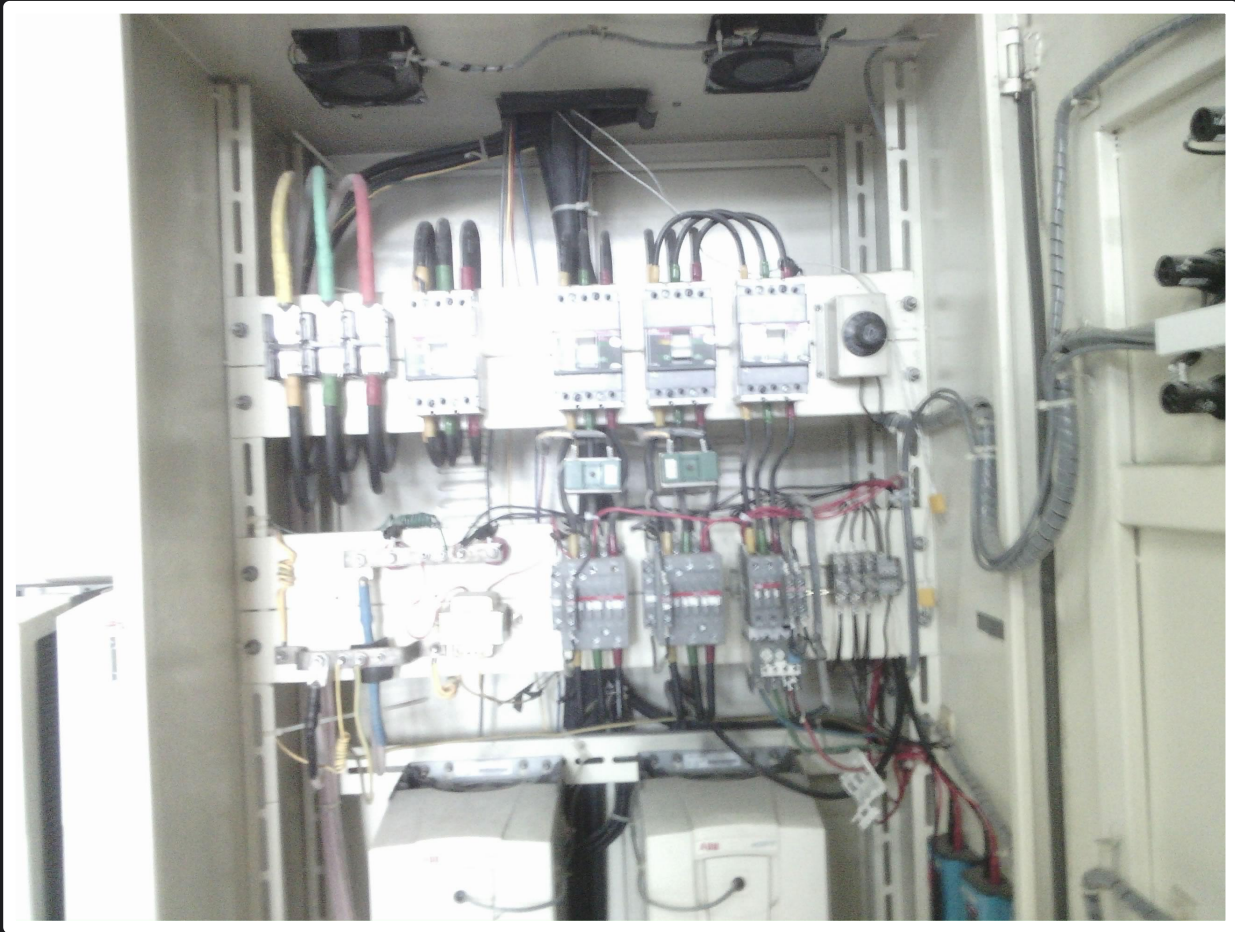
## Function:

Meet requirements of different measuring distance

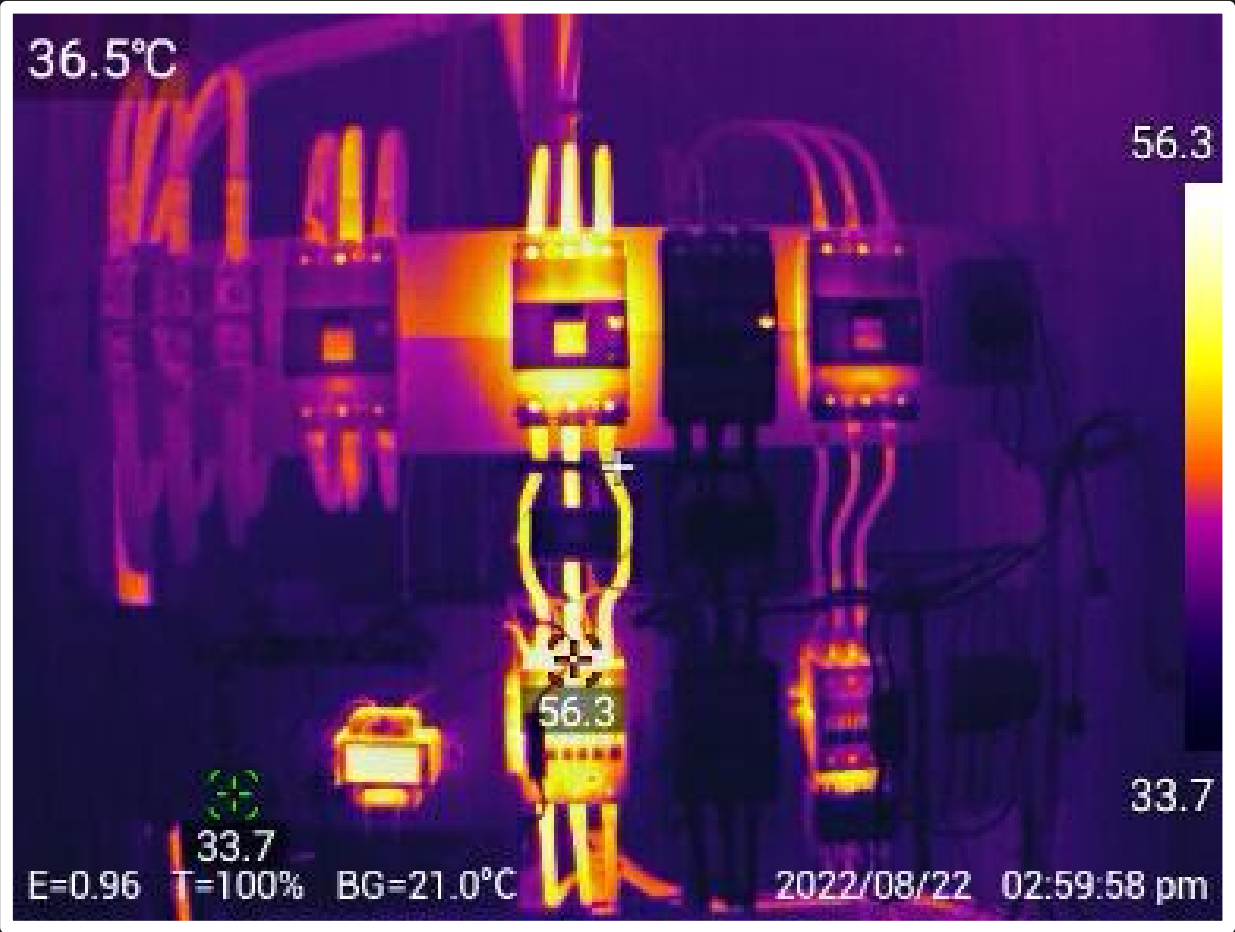
## Method of application:

Turn the focusing ring until the imaging is clear.

# Image Modes



Visual Image



Thermal



Fusion



PIP

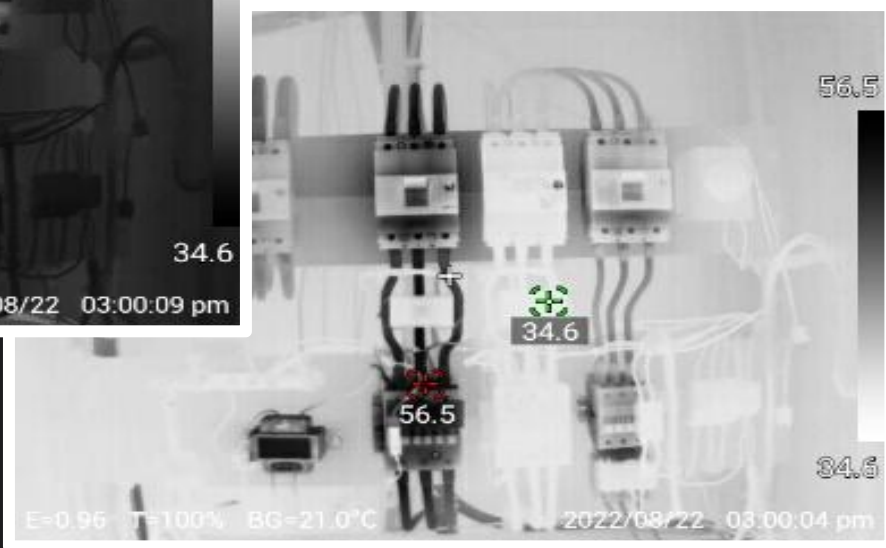
# Color Palettes



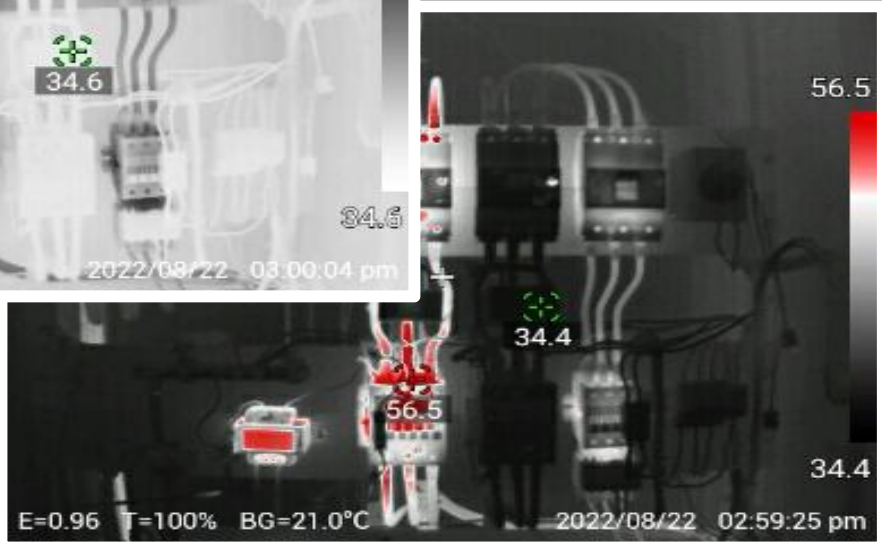
White Hot



Black Hot



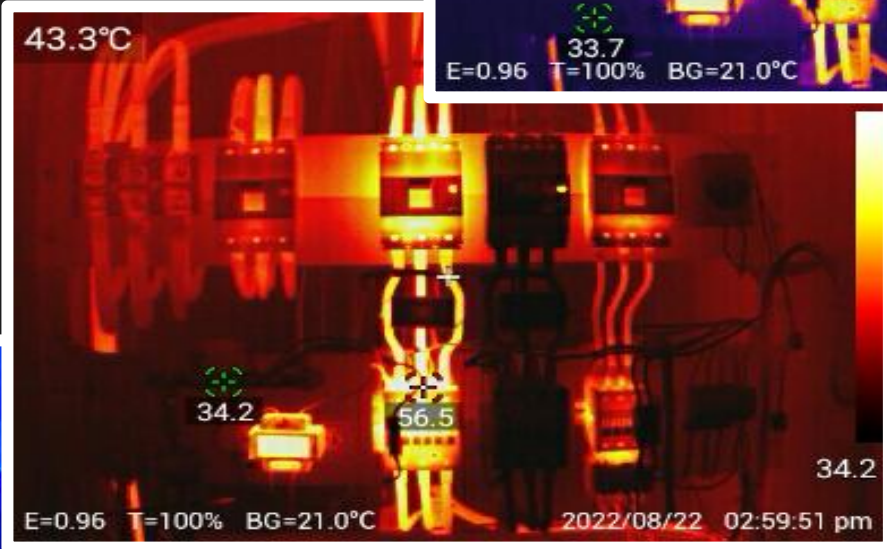
Red Hot



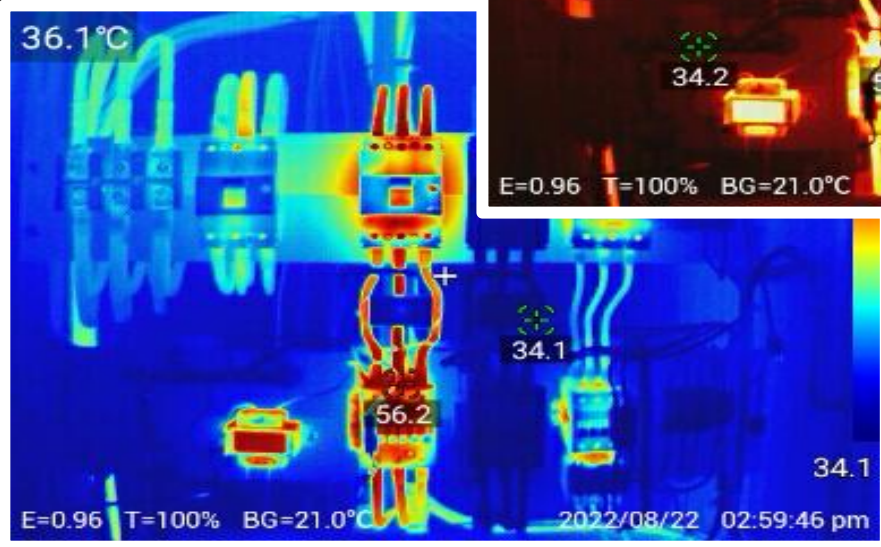
Ironbow



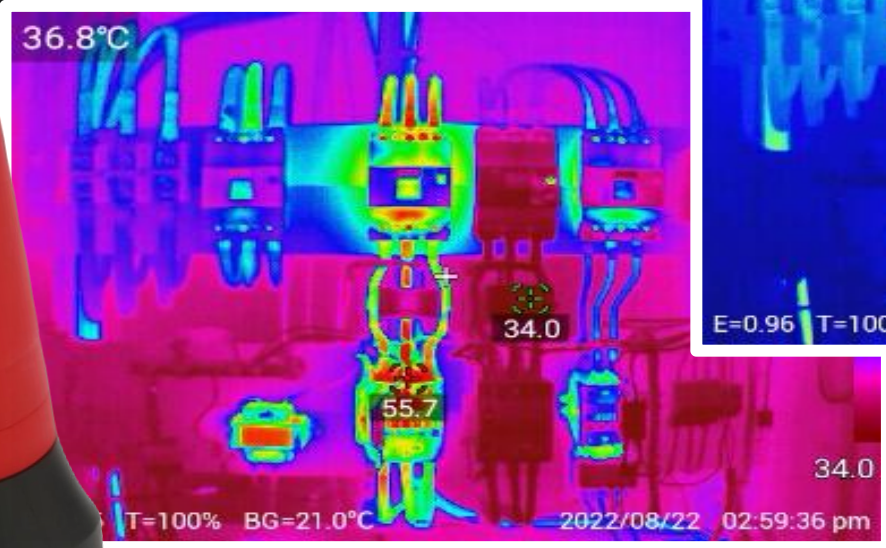
Lava



Rainbow



Rainbow HC



# Isotherm

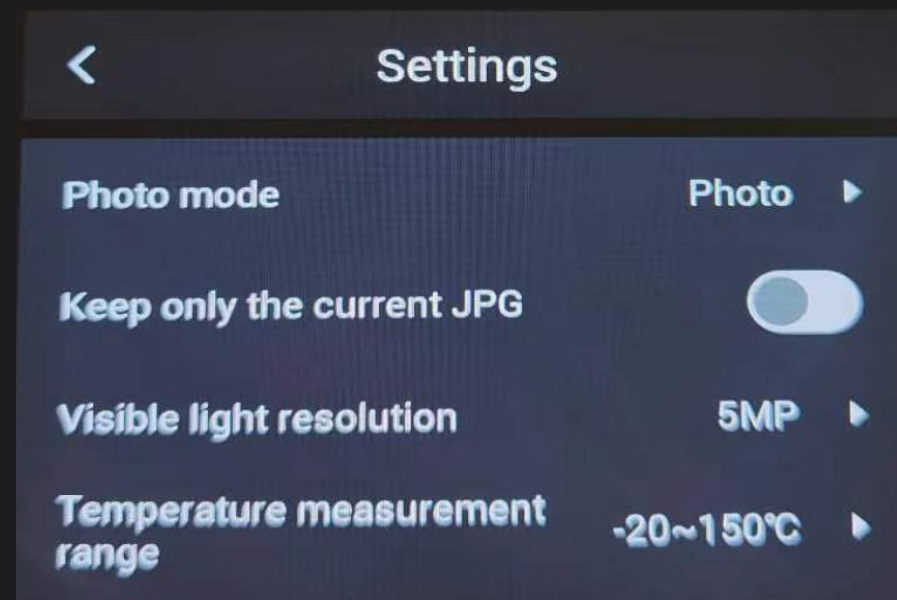


Isotherm function can accurately identify & distinguish a temperature range in a complex temperature environment.  
In daily life, Isotherm can be used to search objects.  
G series products provide "Auto", "Above", "Below", "Section", and "Manual" isotherm modes.

# Photo Modes

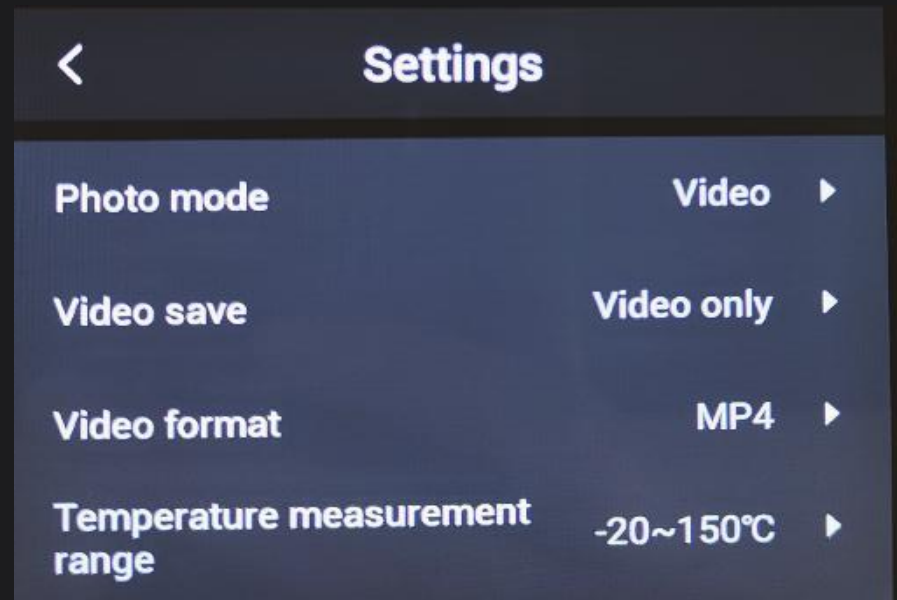
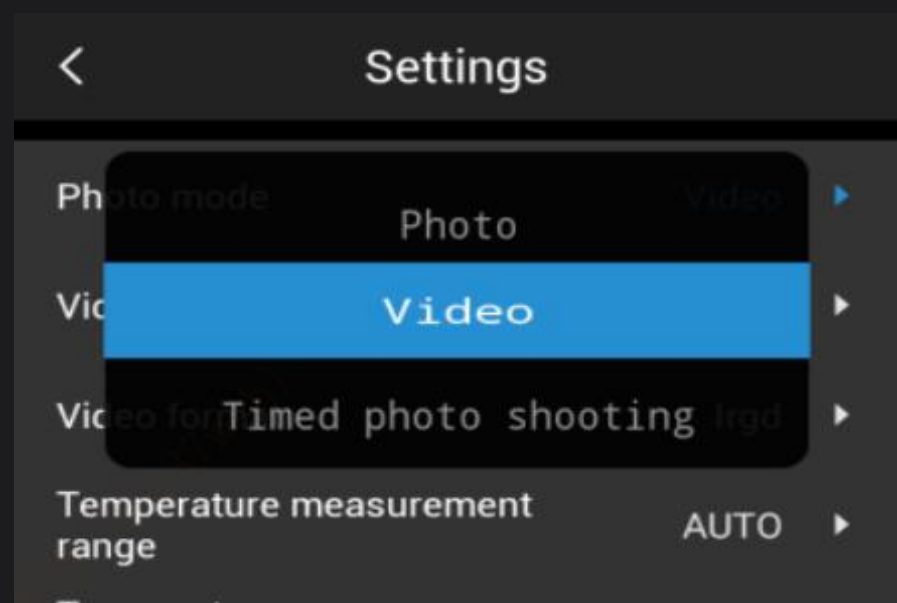


## Photo



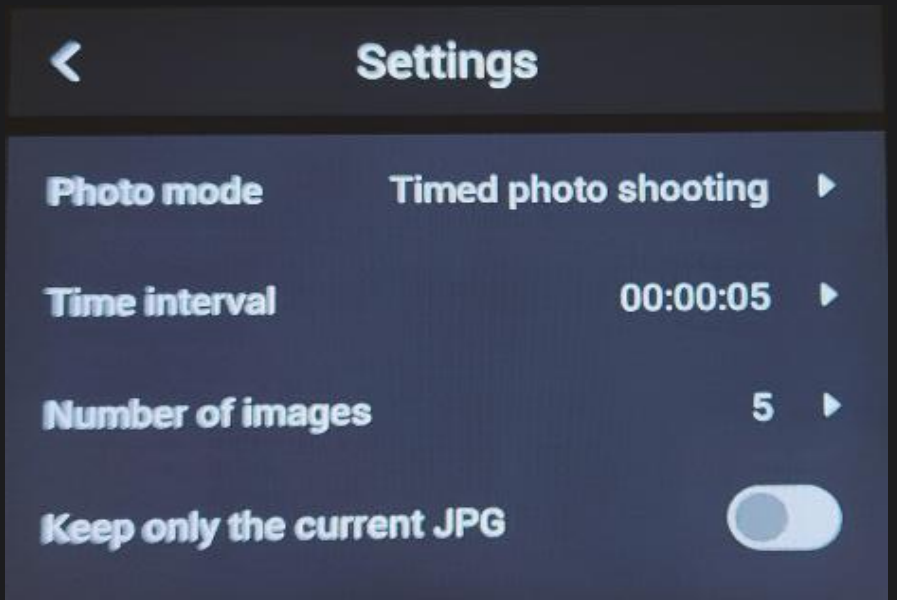
- Save current visual image or not
- VL resolution: 1.3MP/5MP

## Video



- Save Audio or not
- Selectable Video format (MP4 & Irgd.)

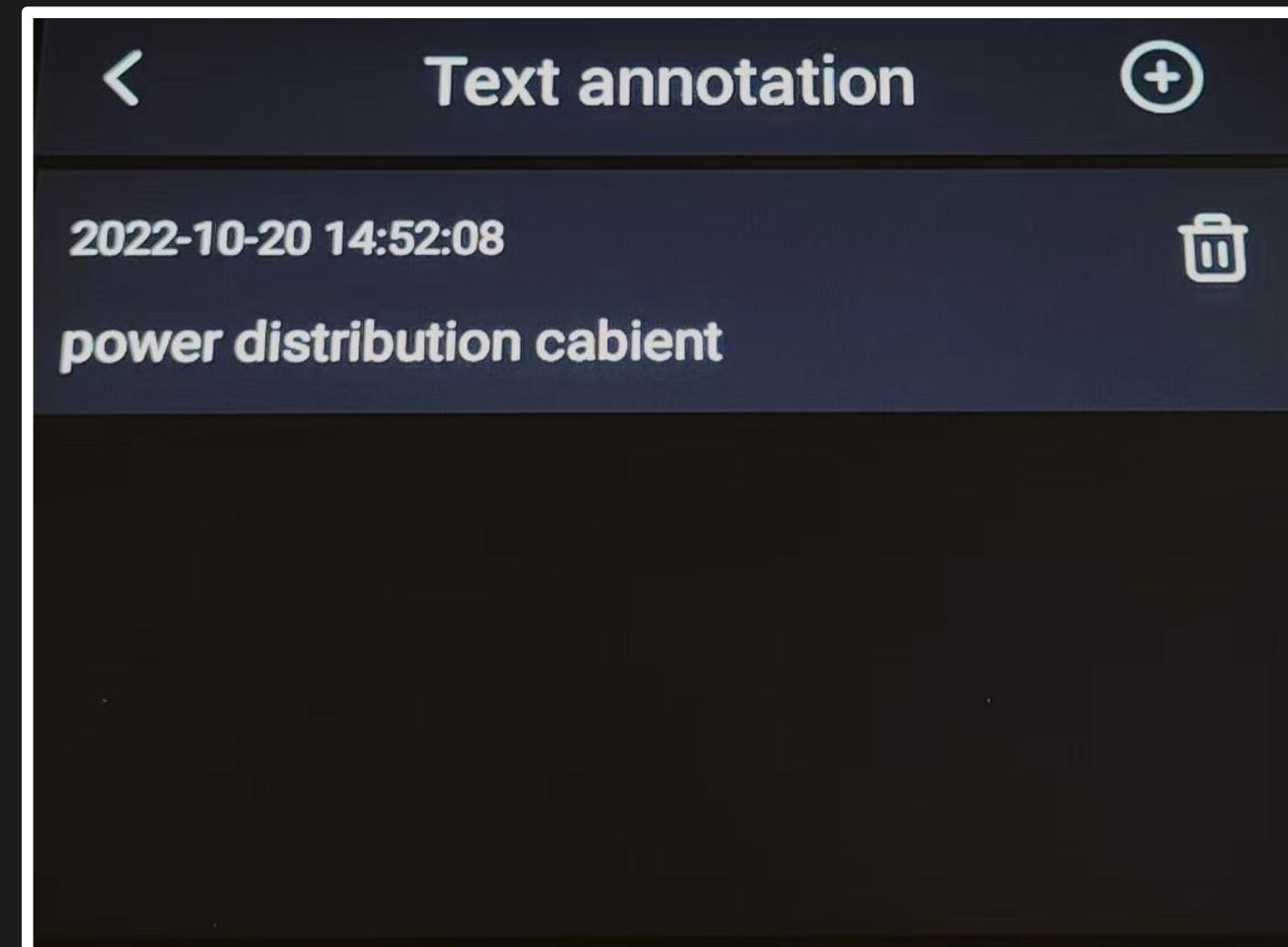
## Time-lapse shooting



- Adjustable Time interval (h/m/s)
- Selectable Number of images (1 to 1000)
- Save current visual image or not

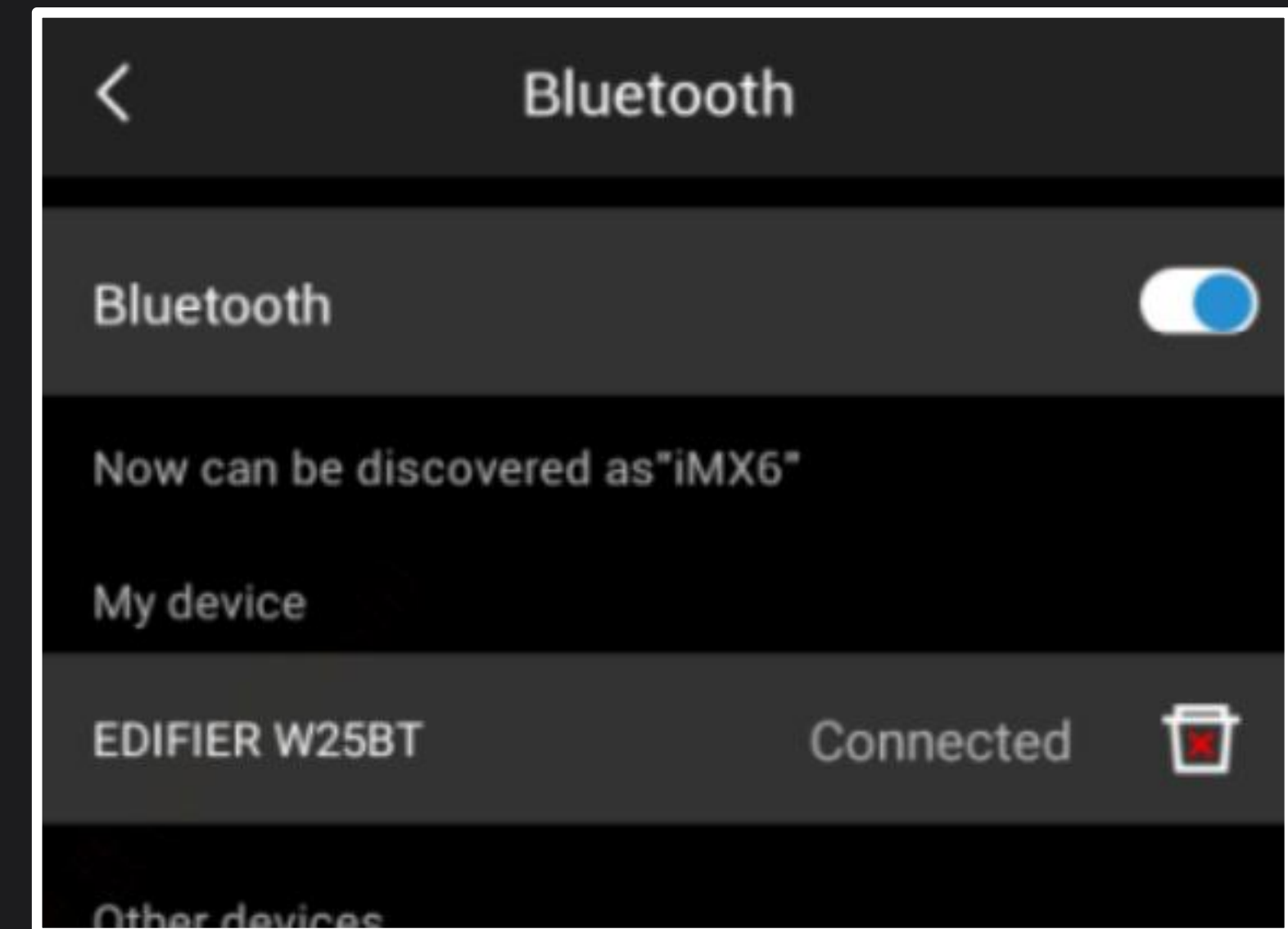
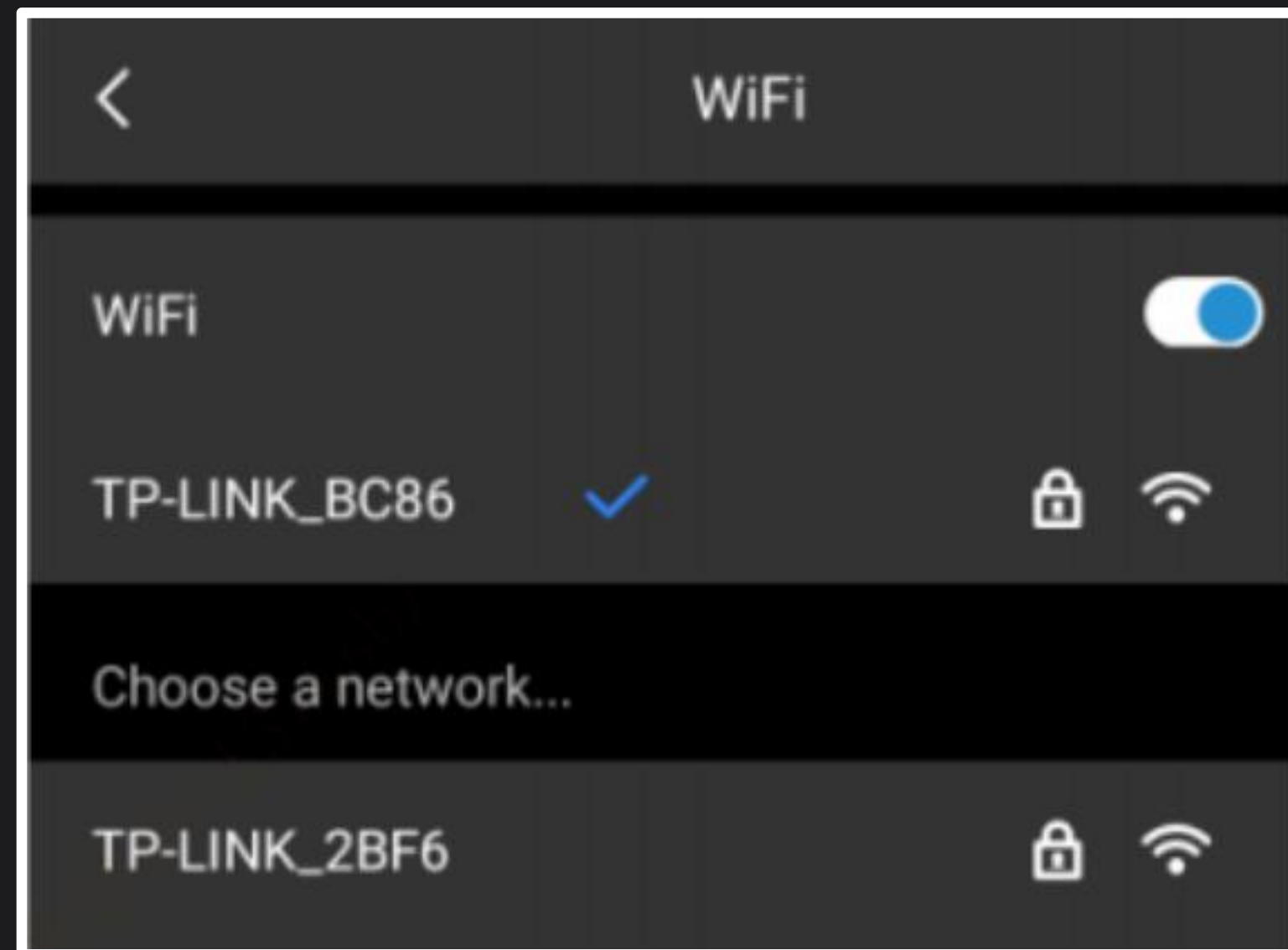
# Annotation & Favorite

UNI-T®



G series products feature text & audio annotations and favorite functions, which are convenient in photos management and traceback.

# Wireless transmission



G series products provide Bluetooth & Wi-Fi functions. Users can add audio annotation to photos via Bluetooth earpiece, and connect the device to PC & APP software via Wi-Fi to realize data management & analysis.

# Laser pointer & LED lighting

**UNI-T**®



G series products are equipped with dual LED lights and infrared laser pointer, which assist users to confirm targets and take visual images in a dark environment.

# Storage Upgrade

UNI-T®



Internal: 8GB

External: Up to 32GB

Storage solution upgrade. No worry about missing wonderful moments due to insufficient storage capacity.

More reassured for using.

# Protection

UNI-T®



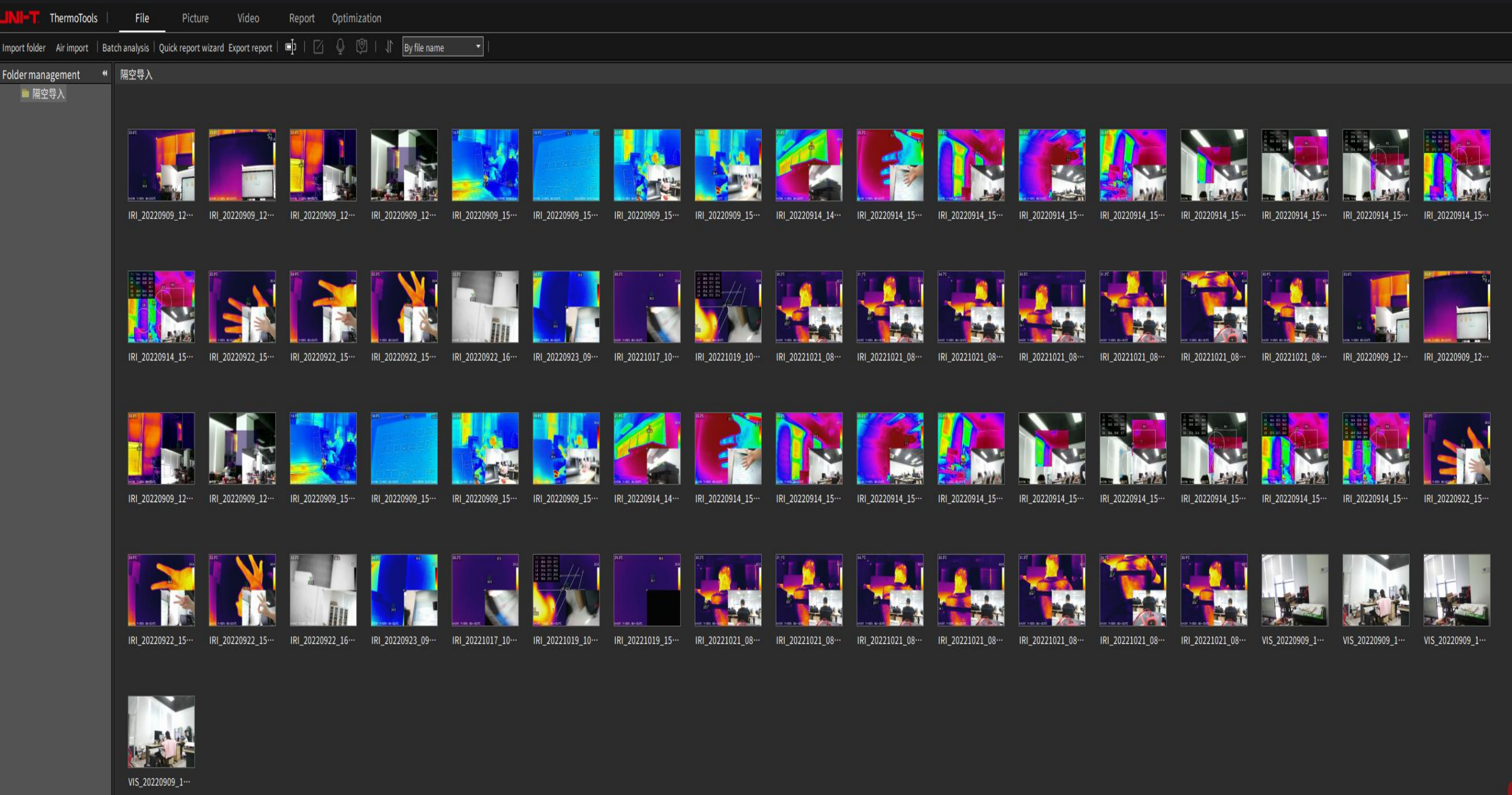
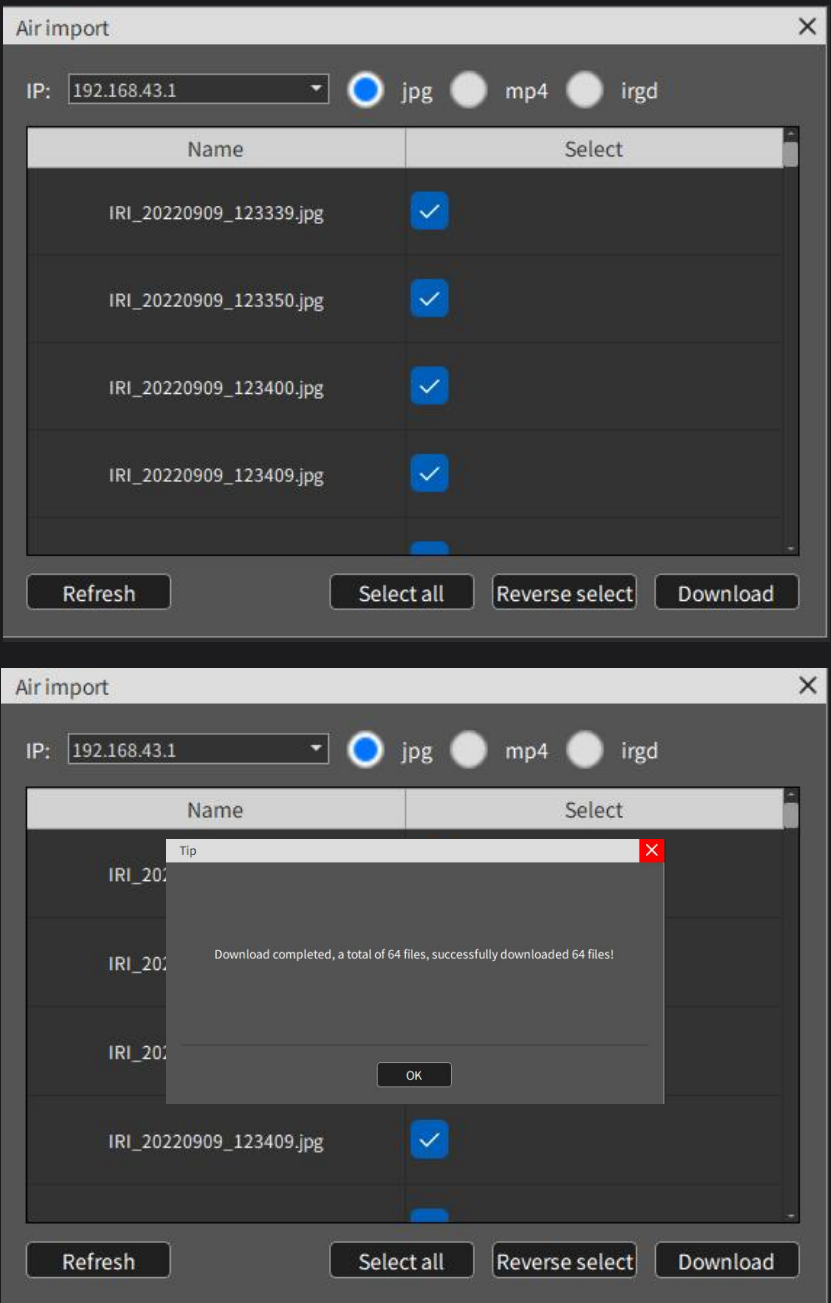
- IP54
- Withstand 2m drop

# PC Software--Ultra-resolution Rebuild



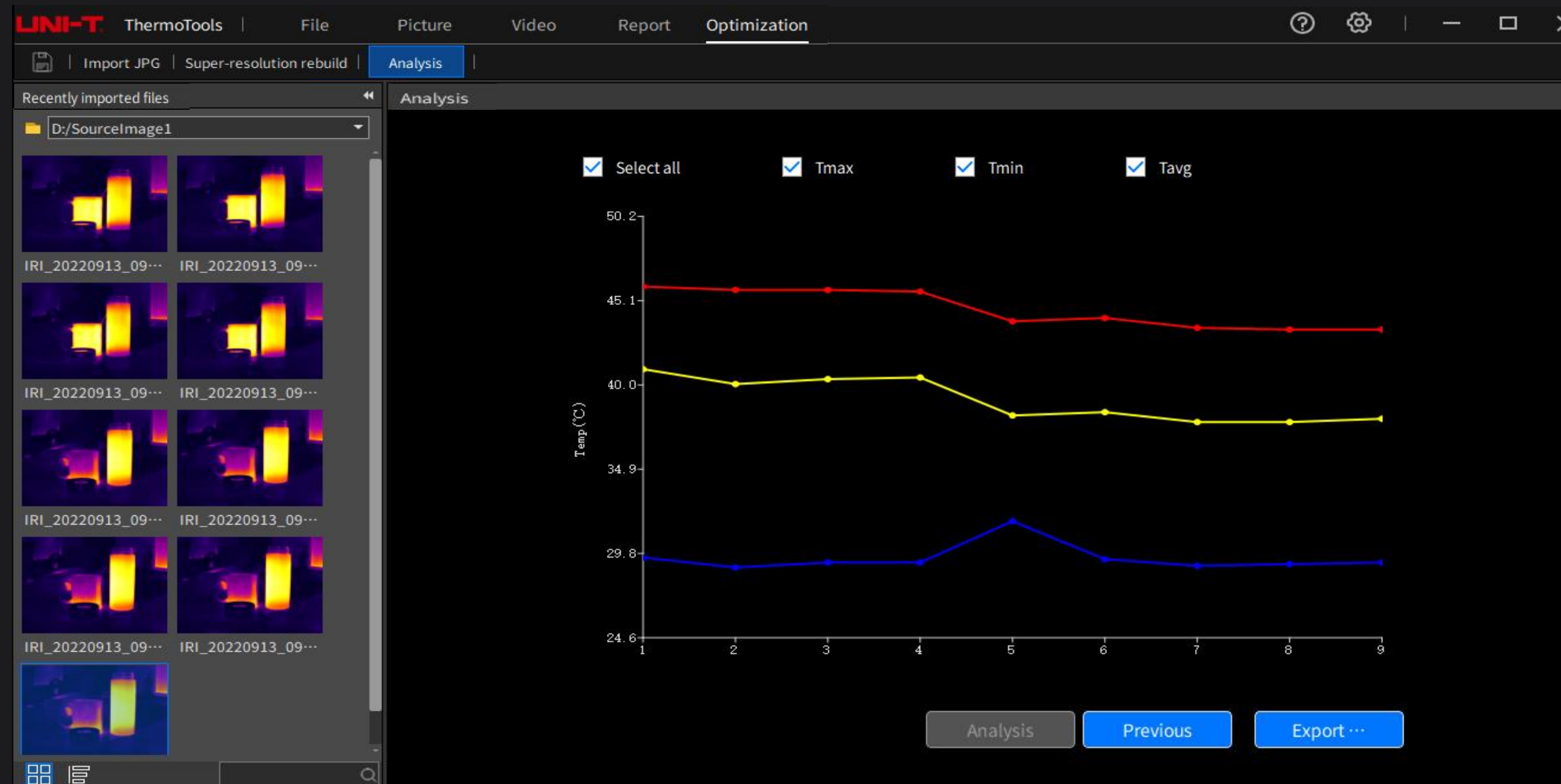
Obtain a higher resolution and softer image through enhancing the details and denoising the original IR image via high-precision image algorithm technology. This function makes the measuring result more accurate.

# PC Software--Air Import



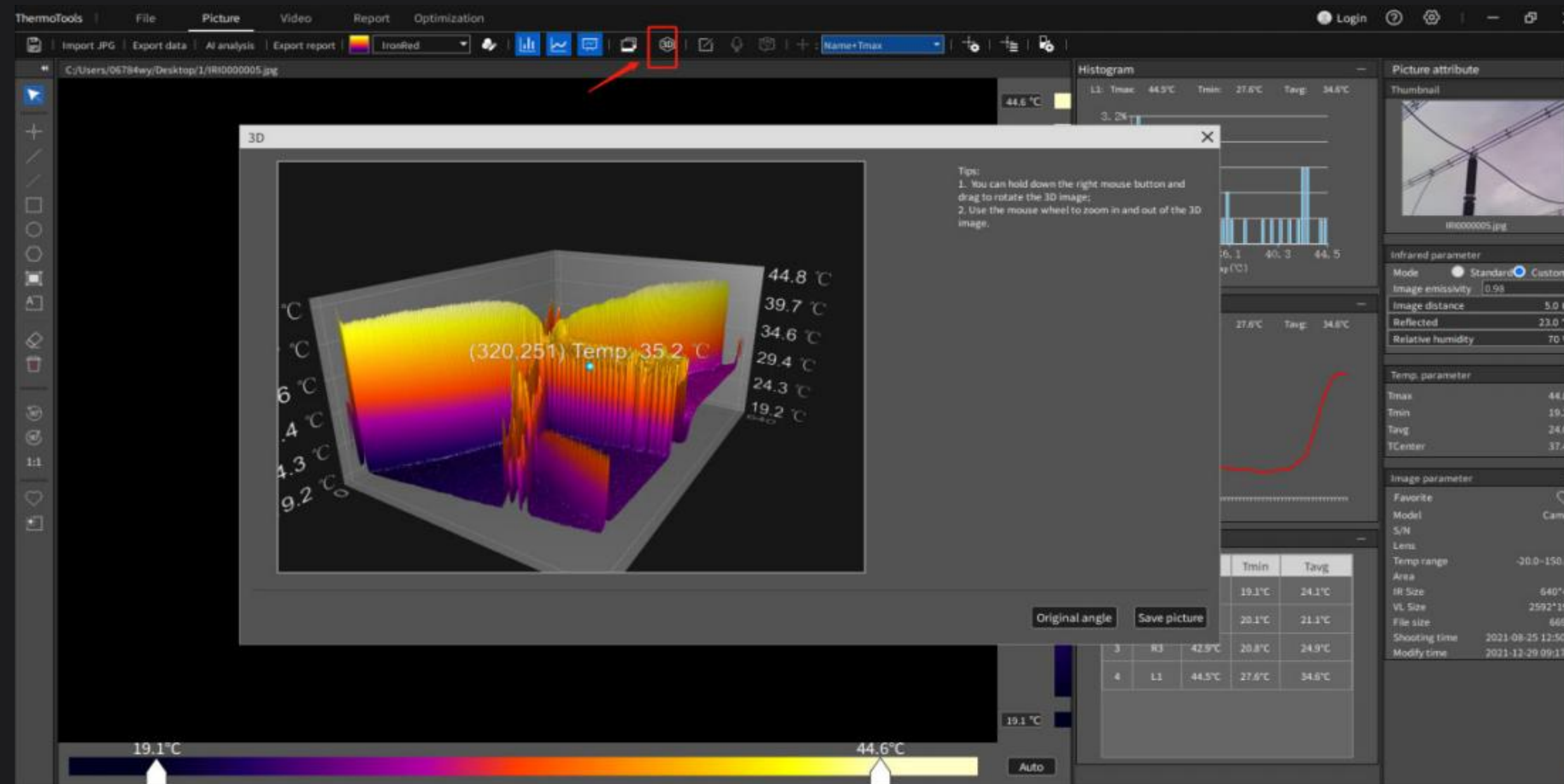
Realize data transmission in a wireless connection way, quickly import photos & videos on thermal imager, improve efficiency of data analysis.

# PC Software--Trend Analysis



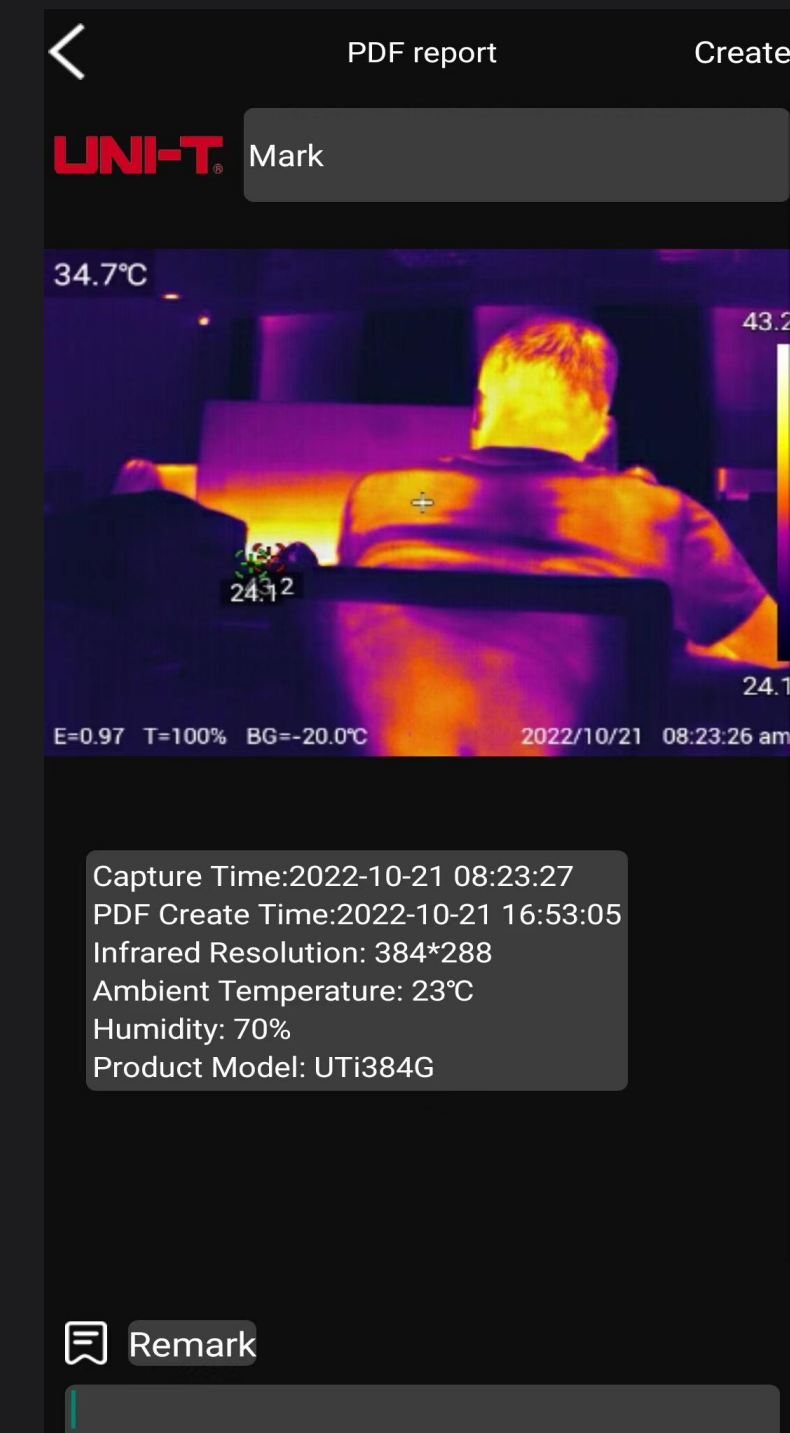
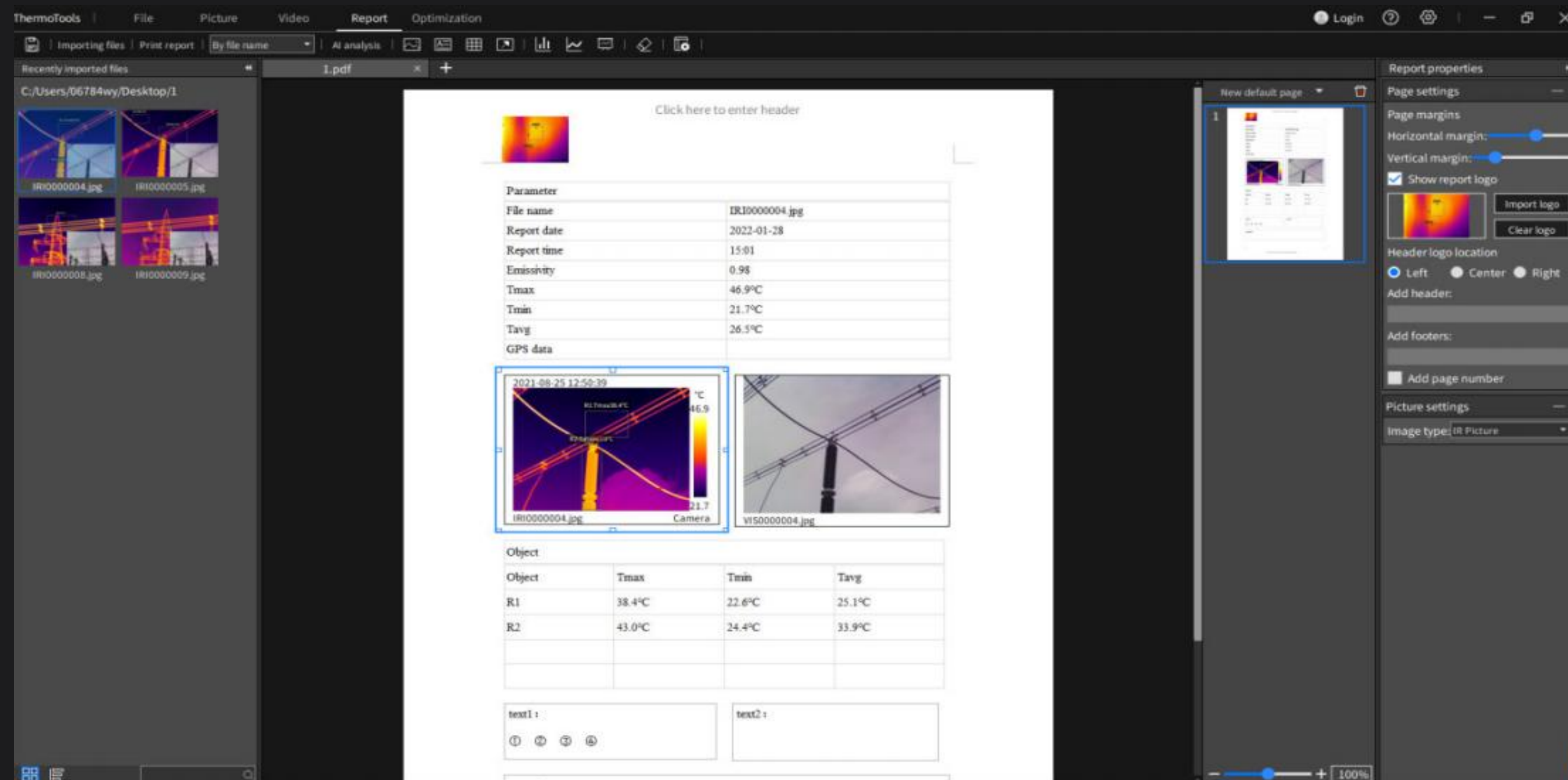
Trend Analysis function makes image temperature visualized & intuitive, helping engineers check the temperature development trend quickly. It provides "General mode" & "Precisior mode", which can analyze photos globally or locally. Analysis data can be exported in .csv and .jpg format.

# PC Software--3D Mode



Convert IR image to 3D mode directly, intuitively showing the heat distribution in 3D mode. Engineers can rotate, zoom in/out the image, and mark up the temperature.

# PC & APP Software--Report Generation & Printing



One-click to generate analysis reports. Infrared & visual images, and temperature info are attached on the report, which shows analysis data at a glance. Reports support to be exported in .word & .pdf format.

# PC & APP Software--Real-time Video Transmission



Transmitting real-time video to multiple devices simultaneously. Engineers can record & edit videos on PC software to improve operating efficiency.

Part  
06

Specifications & Features Sheet

# Specifications & Features Sheet



| Model                                  | UTi256G                                                                                                          | UTi384G                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Display                                | 3.5" IPS Touch (640x480)                                                                                         |                                         |
| Focus                                  | Manual                                                                                                           |                                         |
| IR resolution (Pixels)                 | 256x192                                                                                                          | 384x288                                 |
| Frate rate                             | 30Hz                                                                                                             |                                         |
| NETD                                   | 40mk                                                                                                             |                                         |
| Lens focal length                      | 8.7mm                                                                                                            |                                         |
| Field of view(FOV)                     | 28°x 20°                                                                                                         | 42°x 30°                                |
| Spatial resolution(IFOV)               | 1.91mrad                                                                                                         |                                         |
| Temperature measurement range          | -20°C~550 °C                                                                                                     |                                         |
| Accuracy                               | ±2°C or ±2% whichever is greater                                                                                 |                                         |
| Color palettes                         | White hot, Black hot, Red hot, Ironbow, Rainbow HC, Rainbow, Lava                                                |                                         |
| Image modes                            | Thermal,Visual image,Fusion,PIP                                                                                  |                                         |
| On screen analyzer                     | 3 Points/3 Lines/3 Rectangles/3 Circles                                                                          | 5 Points/5 Lines/5 Rectangles/5 Circles |
| Digital camera resolution              | 5MP                                                                                                              |                                         |
| Digital zoom                           | 2x , 4x                                                                                                          |                                         |
| Auto tracking for high/low temperature | √                                                                                                                | √                                       |
| Hi/Lo temperature alarm                | Icon animation                                                                                                   |                                         |
| Isotherm                               | Auto/Manual/Above/Below/Section                                                                                  |                                         |
| Photo capturing/Video recording        | √ / X                                                                                                            | √ / √                                   |
| Voice recording                        | √                                                                                                                |                                         |
| Laser pointer / LED light              | √                                                                                                                |                                         |
| Parameters calibration                 | Emissivity, Optical transmittivity, Reflected temperature, Dew point                                             |                                         |
| WiFi photo download on mobile app      | √                                                                                                                |                                         |
| WiFi live video                        | √                                                                                                                |                                         |
| Analysis software                      | PC & APP                                                                                                         |                                         |
| Temperature unit                       | °C/°F/K                                                                                                          |                                         |
| Auto power off                         | OFF/5/10/15/20 mins                                                                                              |                                         |
| Storage                                | 8GB Internal , up to 32GB External                                                                               |                                         |
| Languages                              | English, French, German, Italian, Spanish, Swedish, Czech, Polish, Russian, Portuguese, Arabic, Japanese, Korean |                                         |
| Battery                                | Detachable Li-ion battery pack (3.7V 5200mAh)                                                                    |                                         |
| Battery operating time                 | Approx 5 hours (with Wi-Fi offi)                                                                                 |                                         |
| USB                                    | Type- C                                                                                                          |                                         |
| Protection                             | IP54 , 2m drop proof                                                                                             |                                         |
| Certificates                           | CE, FCC, UKCA, RoHS                                                                                              |                                         |

Part  
07

Packaging Details

# Packaging Details



| Model   | Product net size | Product net weight                  | Standard individual packing | FOB (USD)-<br>No Tax | MSRP (USD)-<br>No Tax |
|---------|------------------|-------------------------------------|-----------------------------|----------------------|-----------------------|
| UTi256G | 260×140×110mm    | Approx 0.88Kg<br>(battery included) | Toolbox,Gift box            | \$ 1299              | \$ 1999               |
| UTi384G | 260×140×110mm    | Approx 0.88Kg<br>(battery included) | Toolbox,Gift box            | \$ 1449              | \$ 2499               |

| Standard accessories                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>● Micro SD card</li><li>● Type-C USB cable</li><li>● English manual</li><li>● Hand strap</li><li>● Li-ion battery pack x2</li><li>● Documents download operation guide card</li></ul> |



**THANKS FOR WATCHING!**