

Software instruction

The Thermview Pro software is designed to provide professional IR image processing, analysis and creating reports functions.

System required:

Windows 7, Windows 8.1, Windows 10 or above

Operating environment:

.Net Framework 4.0

Managing folders

Adding IR image directory

You can add a directory of IR images to the file.

1. Go to the *File* tab
2. At the top left pane, click  to open a folder browse dialog box where you can navigate to the directory of IR images.

Removing IR image directory

You can remove a directory of IR images from the file.

1. Go to the *File* tab.
2. Right-click a directory and select *Delete*.

Note Removing the path does not delete the images.

Analyzing and editing images

On the *File* tab, double click the image to enter the analyzing and editing screen.

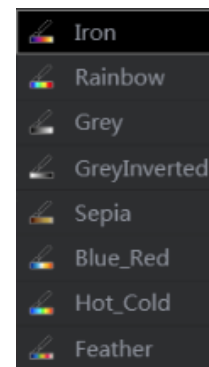
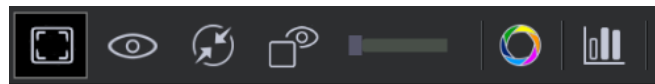
Adjusting the image


Changing the temperature levels






1. Drag the left slider right or left to change the bottom level in the temperature bar.
2. Drag the right slider right or left to change the top level in the temperature bar.
3. To auto-adjust the image, click Auto.

Changing the color palette



1. On the top toolbar, click  to display a menu.
2. On the menu, click the palette you want to use.


Setting up isotherms

1. On the top toolbar, click  and select one of the following:
 - Above
 - Interval
 - Below
2. In the left pane, take note of the *Setting up isotherms* area. Areas in the image with a temperature *above* or *below* this temperature will be colorized with the isotherm color. You can change this limit and also change the isotherm color by clicking  and 
An isotherm of the type *interval* will colorize areas with a temperature between the low and high temperatures.


Changing the image modes




1. On the top toolbar, select one of the icons as follows:

 Thermal

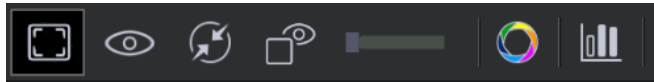
 Digital camera


 Thermal Fusion

 Picture in picture

2. Applicable to the Thermal Fusion and Picture in picture modes: To adjust the thermal/photo balance, drag the slider  left or right.

Show or hide the temperature statistics histogram



On the top toolbar, click  to show or hide the temperature statistics histogram.

Setting up the image parameters

Click the arrow on each parameter box to change the image parameters.

Measurement tools

Adding a measurement tool

1. On the right toolbar, select one of the following:

Select  to add a spot.

Select  to add a line.


Select  to add a rect.

2. Click on the location on the image where the measurement tool is to be placed.

Setting local parameters for a measurement tool

1. Select the measurement tool on the image, then the item will turn high light on the measurement tool data table pane which is on the left pane of the main window.


| Num. | Avg | Max | Min | Emiss | Ref.Temp | Hum |
|------|--------|--------|--------|-------|----------|-----|
| P1 | 22.5°C | 22.5°C | 22.5°C | 0.95 | 25.0°C | 60% |
| R1 | 23.5°C | 30.1°C | 19.6°C | 0.95 | 25.0°C | 60% |

2. Click  on the high light item to change the parameter for the measurement tool.

Temperature statistics graph for a measurement tool

Click the item on the measurement tool data table pane which is on the left pane of the main window to show the temperature statistics graph for a measurement tool.

Moving and resizing a measurement tool

1. On the right toolbar, select 
2. To move a measurement tool, select the tool on the image and drag it to a new position.
3. To resize a measurement tool, select the tool on the image and use the selection tool to drag the edge of the tool.


Delete a measurement tool

Select the tool on the image and click *delete* on the key board.

Delete all measurement tools

On the right toolbar, click  to delete all measurement tools.


Show or hide measurement tools

On the right toolbar, click  to show or hide the measurement tools.

Reports

Enter the report preview edit screen

You can select some images before enter the preview edit screen

3. On the *File* tab, select the images that you want to include in your report.
4. At the top left pane, click  to enter the preview edit screen.

You can enter the preview edit screen directly

Click the Report tab to enter the preview edit screen directly

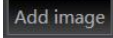

Edit the report in the preview edit screen

Edit the front page

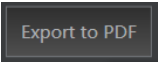
You can add your company logo, company information or other pictures and text to the front page.

1. Click the front page in the left *Page* pane.
2. Click and drag *Image/Text* component on the right *Component library* pane to the front page.
3. Select the *Image* component on the page and click *Import* on the right *Component library* pane to open a folder browse dialog box to import image.
4. Select the *Text* component on the page to edit the text contents and change the *Font* on the right *Font* pane.

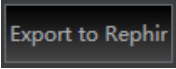
Edit the image page

1. Select images in the bottom pane and click  to add images that you want to include in the report.
2. Click the image page that you want to edit in the left *Page* pane.
3. Select the contents by click the checkbox on the right pane.
4. Click  to delete the page that you don't want.

Export to PDF

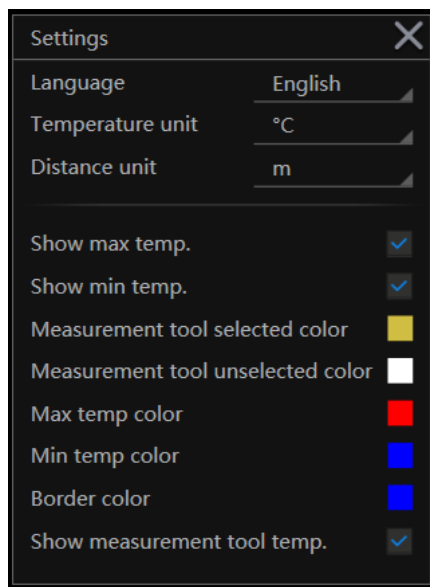
Click  on the top pane to open a folder browse dialog box, navigate to the directory that you want and write the name and click *Save* to create the PDF file.

Export to Rephir

Click  on the top pane to open a folder browse dialog box, navigate to the directory that you want and write the name and click **Save** to create the Rephir file.

Settings

On the top toolbar, click  or click  to **Select Setting** to open the **Settings** dialog box.



You can setting up the following items:

1. Setting up the language.
2. Setting up the temperature unit.
3. Setting up the distance unit.
4. Show/Hide the max temperature of the image.
5. Show/Hide the min temperature of the image.
6. Setting up the measurement tool selected color by clicking the color box.
7. Setting up the measurement tool unselected color by clicking the color box.
8. Setting up max temperature text color by clicking the color box.
9. Setting up min temperature text color by clicking the color box.
10. Setting up border color of the image by clicking the color box.
11. Show/Hide the temperature text of the measurement tool.