

# Sonel KT-400 / 385 / 200 / 195

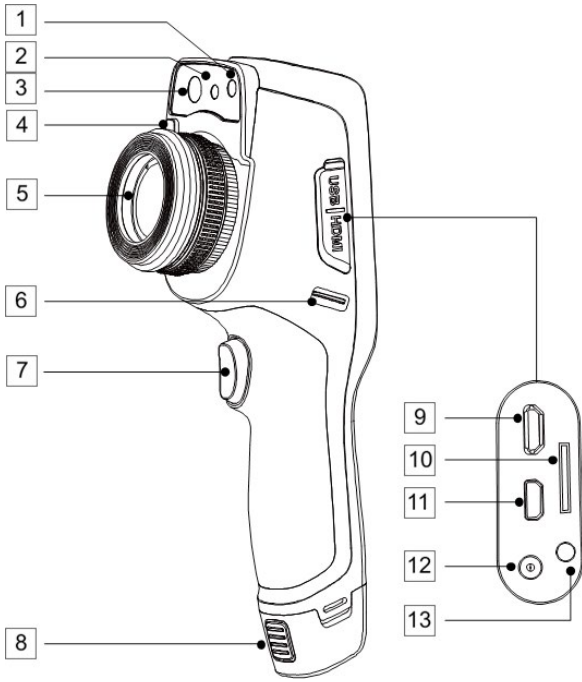
Thermal Imager



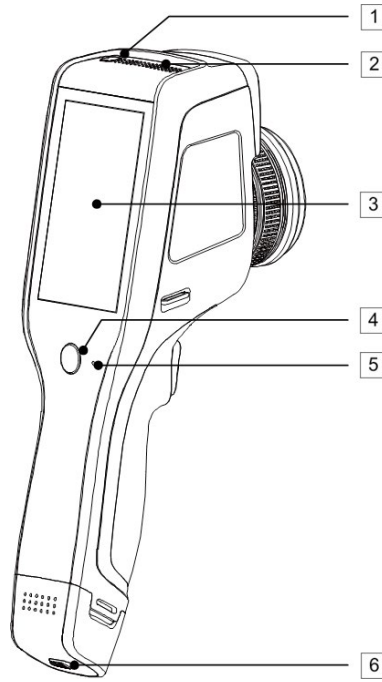
- Laser locator installed in the camera may be dangerous to eyes, in case of direct contact!
- DO NOT DIRECTED THE LASER BEAM TOWARDS OTHER PERSONS OR ANIMALS!
- Please note that the laser beam may reflect off shiny surfaces.



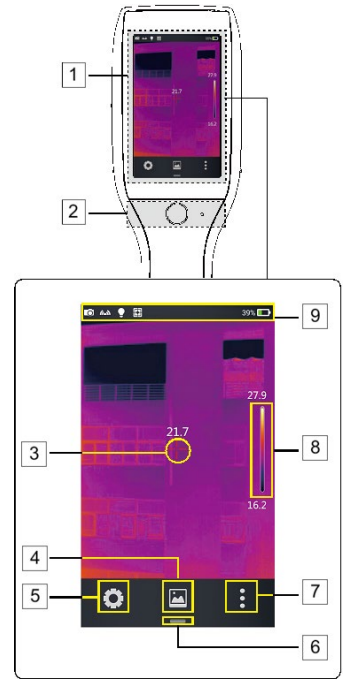
v1.00 | 18.01.2019



- |                       |                           |
|-----------------------|---------------------------|
| 1 Flashlight          | 8 Battery release button  |
| 2 Laser pointer       | 9 Micro USB connector     |
| 3 Visual image camera | 10 MicroSD card slot      |
| 4 Lens release button | 11 Micro HDMI connector   |
| 5 Lens                | 12 Power supply connector |
| 6 Wrist strap holder  | 13 Charging indicator     |
| 7 Trigger button      |                           |



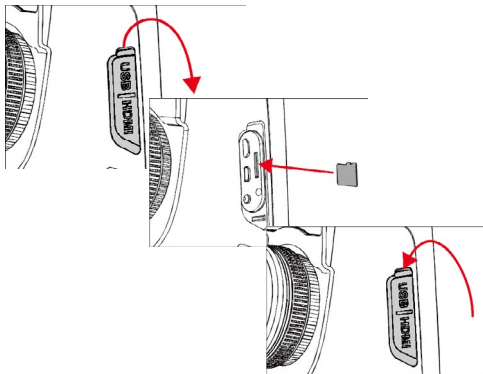
- |                       |
|-----------------------|
| 1 Power On/Off button |
| 2 Speaker             |
| 3 LCD display         |
| 4 Return button       |
| 5 Microphone          |
| 6 Battery lock        |



- |                        |                              |
|------------------------|------------------------------|
| 1 Display area         | 6 Shortcut menu button       |
| 2 Control area         | 7 Real-time editing mode     |
| 3 Central point cursor | 8 Palette                    |
| 4 Gallery              | 9 Status identification area |
| 5 System settings      |                              |

## First steps

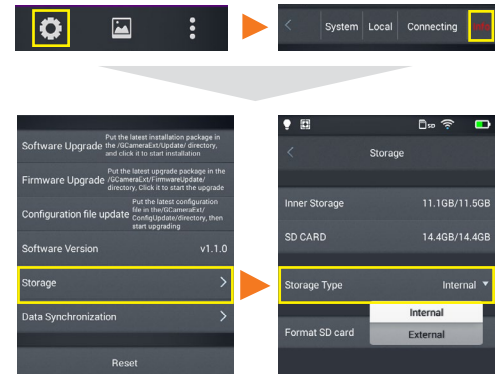
### 1 Install memory card



### 2 Turn the camera on



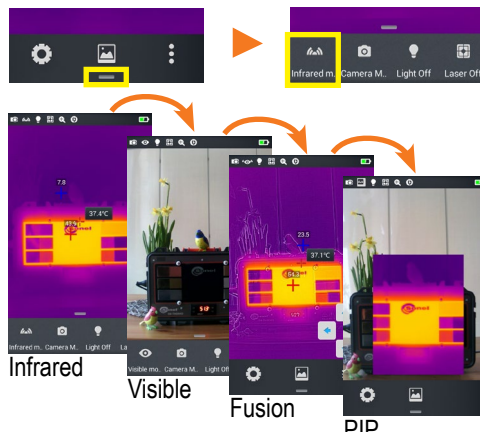
### 3 Set data storage location



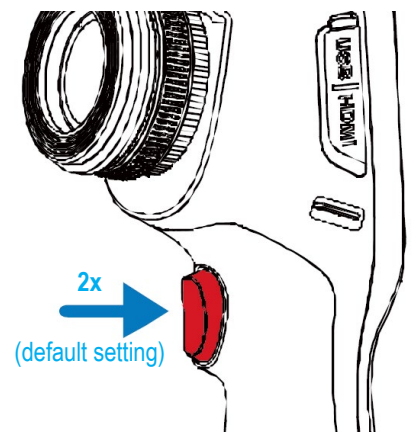
### 4 Observe the object



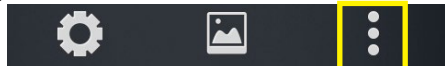
### 5 Select image mode



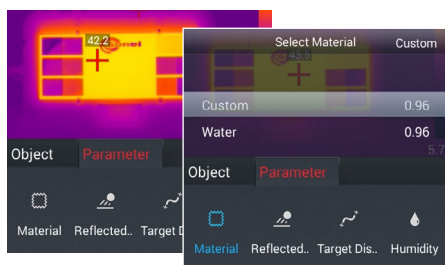
### 6 Take picture



## Temperature measurement



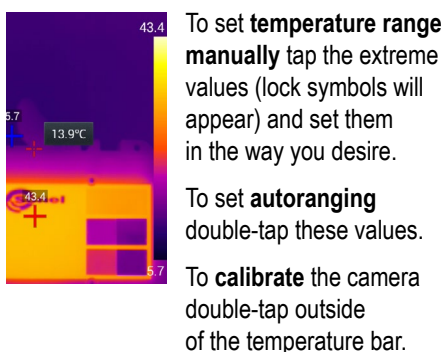
In real-time image mode tap the editing menu button. Select **Parameter**.



Select **Material** to change measured object's emissivity:

- set a custom value or
- select the material from list.

Tap the IR image on the screen to save changes and return to the real time mode.

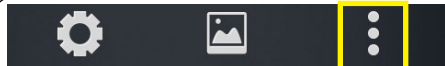


To set **temperature range manually** tap the extreme values (lock symbols will appear) and set them in the way you desire.

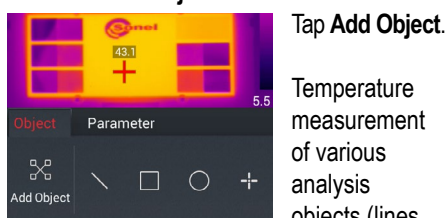
To set **autoranging** double-tap these values.

To **calibrate** the camera double-tap outside of the temperature bar.

## Thermoanalysis

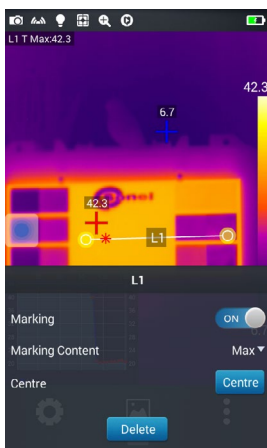


In real-time image mode tap the editing menu button. Select **Object**.



Tap **Add Object**.

Temperature measurement of various analysis objects (lines, rectangles, circles, points) becomes available.

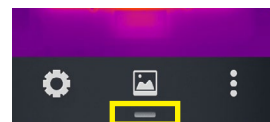


Press and hold any of the analysis objects for a few seconds to display an object menu.

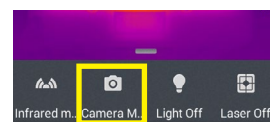
## Video recording



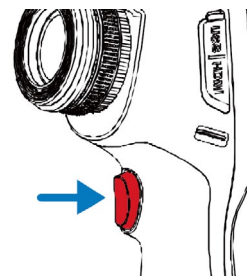
Catch focus (only **KT-400** and **KT-200**).



Tap shortcut button.

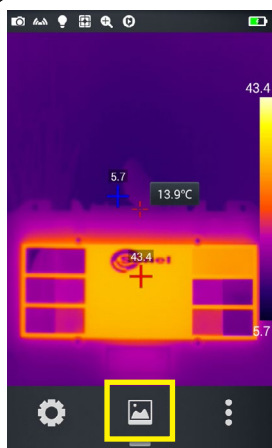



Select camera icon to run video recording mode.

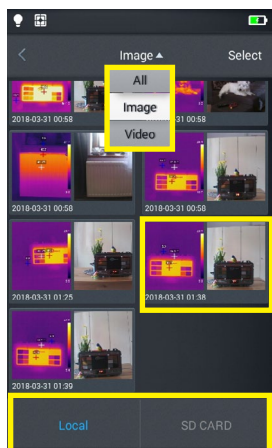


Press trigger to start/stop recording.

## File browsing



In real-time image mode select .

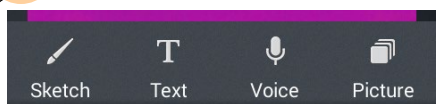


Select type of shown files.

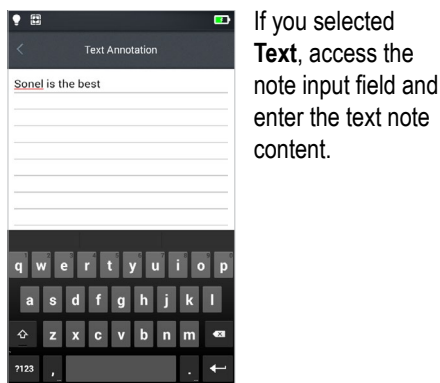
Select the file.

Select source of stored data.

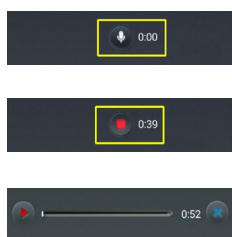
## Adding notes





After opening an image you can add to it four types of notes.





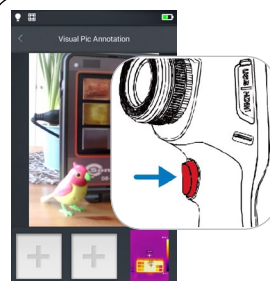
If you selected **Text**, access the note input field and enter the text note content.



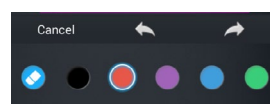
If you selected **Voice** tap:

- the  icon to start recording
- and  to stop.


Icon  replays the recording. You can delete the note by pressing .



If you selected **Picture**, press the trigger button to take up to two photos in a visible light mode.



If you selected **Sketch**, use the eraser and line color buttons to draw on the screen the shape you want.

To exit notes tap the  symbol.

Press **OK** to save the note or **Cancel** to exit without saving.



Find more information in the user manual and on our website [www.sone!.pl/en](http://www.sone!.pl/en)