

# Thermal Imaging Camera FLIR T640

## SPECIFICATIONS

Handheld thermal imaging camera enabling the capture of thermographic images and radiometric video in the range  $-40\text{ }^{\circ}\text{C}$  to  $+2000\text{ }^{\circ}\text{C}$  in three subranges. Resolution  $640 \times 480$  pixels, sensitivity  $0,04\text{ }^{\circ}\text{C}$  at  $30\text{ }^{\circ}\text{C}$ . Interchangeable lenses (standard  $25^{\circ}$ , wide-angle  $45^{\circ}$  and telephoto lens  $15^{\circ}$ ). Possibility to use a conversion lens for small objects.



## OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Thermographic images, radiometric video in the range  $-40\text{ }^{\circ}\text{C}$  to  $+2000\text{ }^{\circ}\text{C}$  with subranges  $-40\text{ }^{\circ}\text{C}$  to  $150\text{ }^{\circ}\text{C}$ ,  $100\text{ }^{\circ}\text{C}$  to  $650\text{ }^{\circ}\text{C}$  and  $300\text{ }^{\circ}\text{C}$  to  $2000\text{ }^{\circ}\text{C}$ . Accuracy  $\pm 2\text{ }^{\circ}\text{C}$  or  $\pm 2\%$  of value. Display modes: thermal, thermal MSX (Multi Spectral Dynamic Imaging), picture-in-picture, digital image in the visible spectrum. Save images in JPEG format. Basic image processing is possible directly in a camera, other in a PC (notebook) using software FLIR Tools. Interface USB and HDMI (DVI).