

Software for connecting thermograms

LabIR® ThermoStitch

► **Software features:**

Stitching (connecting) thermal images by different methods

Tools for more comfortable stitching of thermograms with **optional transparency of the selected picture**

Manipulation of thermograms - moving, scaling, rotating

The result is fully radiometric thermal image

Saving progress into project file for reproducibility



► **Software options and settings:**

Program customization

- ▶ language setup (CZ, EN)
- ▶ configurable grid size in the background
- ▶ configurable transparency of the thermogram
- ▶ panning/zooming screen

Loadings thermograms

- ▶ supported formats: JPEG (FLIR radiometric image), FFF, LRC (LabIR type)
- ▶ only files of the same type can be stitched together

Thermogram manipulation

- ▶ moving
- ▶ scaling
- ▶ rotating
- ▶ crude manipulation using computer mouse
- ▶ precise manipulation using keyboard arrow keys or by entering numeric values

Saving files

- ▶ saving project into file
- ▶ projects can be reopened later
- ▶ user can enter new location of deleted or moved files when loading project

Export

- ▶ configurable export area
- ▶ methods for calculating value of overlapping thermograms:
 - TOP (give order in which thermograms will be exported)
 - HALF WAY (seam in middle of overlapping thermograms)
 - LINEAR (linear interpolation of values of overlapping thermograms)
- ▶ supported export types
 - JPEG (radiometric)
 - FFF
 - LRC
 - PNG (not radiometric)

System requirements

- ▶ operating system Windows 7 or newer
- ▶ processor Intel Core i3-3210 or AMD Phenom II X4 955
- ▶ operating memory 1 GB
- ▶ hard drive 70 MB for LabIR plus space for recording
- ▶ 1 free USB port for HW license key (dongle)



LabIR®

phone: +420 377 634 804

e-mail: info@labir.cz

web: software.labir.eu

