



FLIR RESEARCH STUDIO

Thermal Analysis Software for
Research and Science Applications

CONNECT - VIEW - RECORD - ANALYZE



Analysis software that works the way you work

FLIR Research Studio provides users with a quick and efficient way to display, record, analyze, and report accurate thermal data. With a streamlined, intuitive GUI and unique feature set, users at all levels can effortlessly record and evaluate thermal data from multiple FLIR cameras and recorded sources simultaneously.

User-friendly, intuitive set up and control

- Set up quickly with plug-and-play camera connection
- Begin analysis immediately with streamlined workflow
- Hand off projects when needed thanks to easy-to-learn instructions
- Runs on most preferred platforms: Windows, MacOs, Linux
- Available in 22 languages

Feature-rich analysis tools

- Perform thermal measurements on objects of any shape or size
- Analyze data with line profile and time-versus-temperature plots
- Generate both types of plots simultaneously from multiple connected cameras and recorded data
- Better understand thermal impact and drift with the help of Frame Subtraction
- Share data and reduce analysis time during repeat events using workspaces
- Review and recall files using the quick-collect strip

WORKFLOW

1. Control connected cameras

2. Thermally tune the image

Select palettes

Adjust level/span

Target regions with digital zoom

3. Record data

Take single image snapshots or infrared movie sequences

4. Playback & Analyze Data

ROIs – Spot, Line, Box, Circle

Analysis – Statistics Table, Line Profile, Temporal Plot

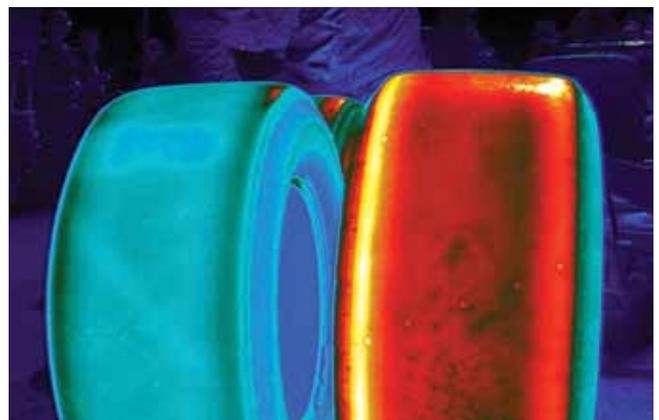
5. Export Data to 3rd-party formats

CVS and JPG/PNG/BMP/TIFF files and MPEG4 videos

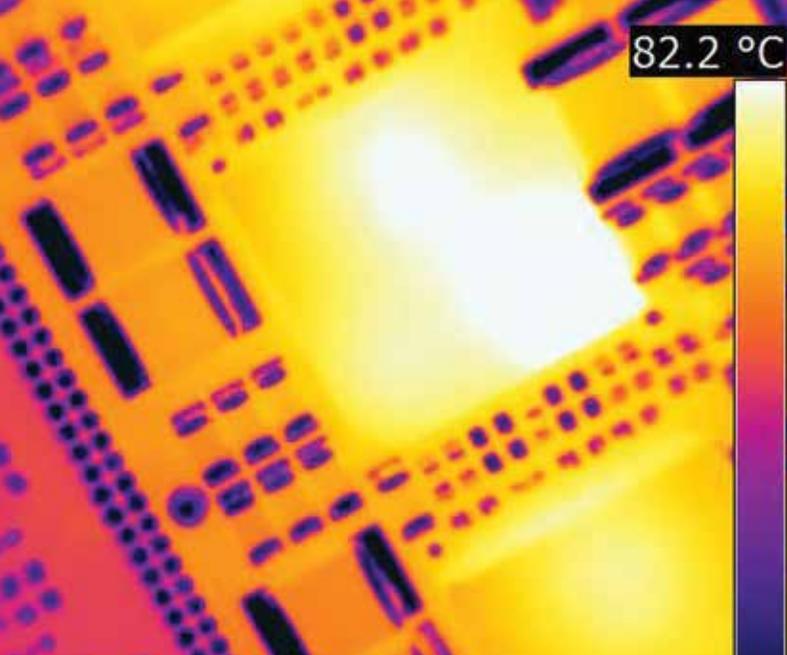
6. Share data

Save and recall workspaces

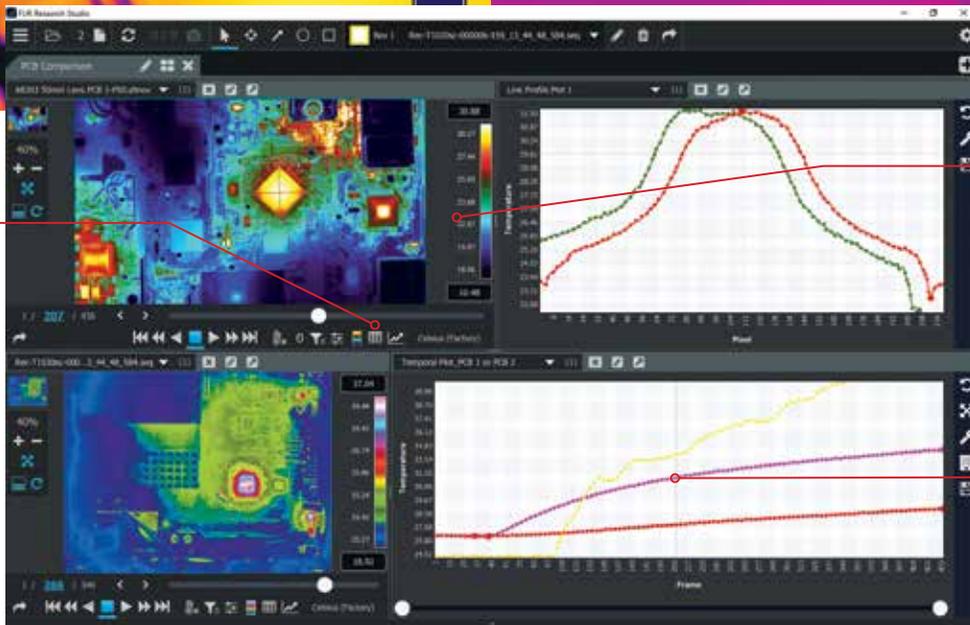
View images and movies in the free player application



Thermal tire comparison

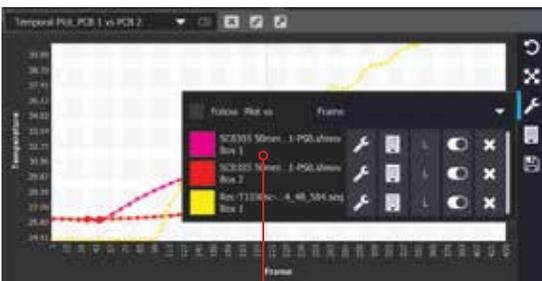


Connect multiple cameras and open multiple recorded files on the same tab or create new ones

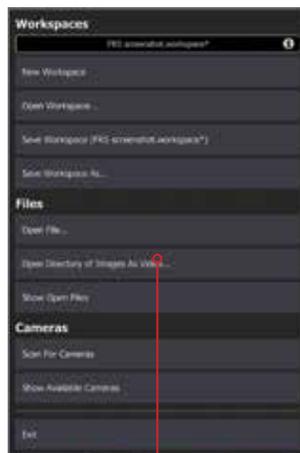


Simplified workflow
 – Connect
 – View
 – Record
 – Analyze
 – Export

Compare data from different recorded files and/or connected cameras within the same plot or chart



Simultaneously generate line profile and time-versus-temperature plots for multiple camera inputs



Reduce analysis time and eliminate confusion when sharing data by creating and sharing workspaces



Isolate specific regions of interest (ROIs) for thermal analysis or emissivity correction

DEMONSTRATIONS AND TRAINING

To see FLIR Research Studio in action, watch demonstrations, or view tutorial videos, visit FLIR.com/research-studio

CORPORATE HEADQUARTERS

FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
Tel. : +1 866.477.3687

LATIN AMERICA

FLIR Systems Brasil
Av. Antonio Bardella, 320
Sorocaba, SP 18085-852
Brasil
PH: +55 15 3238 8070

BOSTON

FLIR Systems, Inc.
9 Townsend West
Nashua, NH 06063
PH: +1 603.324.7611

CANADA

3430 South Service Road
Suite 103
Burlington, ON L7N 3T9
Canada
PH: +1 800.613.0507

www.flir.com
NASDAQ: FLIR

Specifications are subject to change without notice
©Copyright 2019, FLIR Systems, Inc. All other brand and product names are trademarks of their respective owners.
The images displayed may not be representative of the actual resolution of the camera shown. Images for illustrative purposes only.

Updated (03/18/19) 18-1956-INS



The World's **Sixth Sense**®