TELEDYNE
FLIR

ANALYSIS SOFTWARE

FLIR Research Studio™

FLIR Research Studio provides robust yet easy-to-use recording and analysis capabilities for a variety of research & development applications. This premium thermal analysis software offers a simplified workflow for displaying, recording, and evaluating FLIR camera data – allowing users to quickly interpret and understand critical information. With advanced thermal analytic capabilities and recordings control, researchers can capture precise thermal data that can be quickly shared with colleagues in standard file formats. Research Studio also offers multi-language and multi-platform support (Windows, MacOS, Linux) to improve collaboration between team members, increase efficiency, and help reduce the potential for misinterpretation.

SIMPLE TO USE

Increase efficiency and reduce testing cycles with this streamlined, intuitive software

- Quickly interpret and understand critical thermal measurement data with the easy Connect -> View -> Record -> Analyze -> Share workflow

- Compare thermal data between multiple connected cameras and recorded data files simultaneously to provide instant feedback on thermal anomalies, reducing the need for multiple repetitive tests

- Easily navigate the user interface with large, familiar icons that are touchscreen friendly

ADVANCED THERMAL ANALYSIS

Advanced recording and analysis features provide the tools Research & Development professionals need to acquire meaningful data

- Fully analyze thermal data in unique and meaningful ways using multiple region-of-interest types, data plotting options, and customizable workspaces

- Quickly highlight important thermal trends and potential problems using the sophisticated image filters, multiple palette selections, and isotherms

- Use the High-Speed Data Recorder or compatible frame grabbers to prevent potential lost image frames during high-speed recordings

SHARE RESULTS EASILY

Collaborate and share data with team members to reduce inaccurate conclusions and improve productivity

- Increase efficiency and reduce the potential for misinterpretation by sharing important thermal data quickly and easily with colleagues across multiple operating systems and languages

- Export data into commonly used file and image formats, or enhance collaboration by sharing crucial thermal analysis work using Research Studio Player files

- Trim recorded data files to highlight only the most important information

FLIR Research Studio Features and Highlights

Research Studio is available in two options:

Standard Edition

Provides entry-level and intermediate users with a rich set of features required to connect, view, record, analyze, and share thermal data.

- Connect and control multiple cameras simultaneously
- Create customized workspaces that can be saved, recalled, and shared
- Analyze thermal data from multiple live images and recorded files
- Robust image enhancement tools for optimal thermal tuning
- Record single snapshot images and movie sequences
- Export data in common file types for sharing
- Flexibility to operate on multi-operating systems in 21 different languages

Professional Edition

Includes Standard Edition features plus advanced features for enhanced thermal data recording, analysis, and sharing.

- Expanded recording options including the recording dashboard for ultimate flexibility and data capturing
- Advanced analysis tools including isotherms, segmentation, and software filtering
- Additional exporting options for images, movies, data, and plots
- Ability to export Research Studio Player files for easy sharing of thermal data analysis and information
- Manual control of input variables for spatial measurements within the image
- Acquire high-speed data using an optional High-Speed Data Recorder

FLIR Research Studio Player application

The FLIR Research Studio Player application is a free program which gives non-licensed users of FLIR Research Studio the full analysis capabilities of FLIR Research Studio when opening .frs files exported from the Professional Edition. Exporting options are reduced, but there is no limitation on the size or number of files that may be opened. The application is compatible with computers running Windows, MacOS, or Linux operating systems and supports 21 different languages.