

# FLIR THERMAL STUDIO SUITE

| SOFTWARE   | THERMAL STUDIO STARTER   | THERMAL STUDIO STANDARD   | THERMAL STUDIO PRO  |
|--|--|---|---|
| Subscription   | Free   | visit <a href="https://www.flir.com/Thermal-Studio-Suite">FLIR.com/Thermal-Studio-Suite</a> for pricing |   |
| File formats   |  |   |   |
| Image files  | JPEGS, radiometric JPEGS   |   |   |
| Video files  | MP4, CSO, SEQ  |   |   |
| Export formats   | PDF, XPS, JPG, ATR, HTML   | PDF, XPS, JPG, ATR, CSV, HTML   | PDF, XPS, JPG, ATR, CSV, AVI, HTML  |
| Radiometric analysis   |  |   |   |
| View and edit radiometric images                                       | Yes  |   |   |
| Spot, Box, Line, Ellipse/Circle  | Yes  |   |   |
| Delta  | Yes  |   |   |
| Formulas   | —  | Yes, predefined   | Yes, predefined and customized  |
| Measurement alarms   | —  | Humidity, Insulation  |   |
| Magic wand, Polygon, Polyline  | —  | —   | Yes   |
| Reporting  |  |   |   |
| Reporting with pre-defined templates                                   | Yes  |   |   |
| Rapid Report   | —  | Yes   |   |
| Custom report templates  | —  | Up to five custom templates   | Unlimited custom templates  |
| Custom reporting with editor   | —  | Yes   |   |
| Custom logo in image   | —  | —   | Yes   |
| Manage routes with FLIR Route Creator Plugin*                          | —  | —   | Yes   |
| Presentation features  |  |   |   |
| Image presentation modes   | MSX®, thermal only, thermal fusion, blending, picture-in-picture, visual only  |   |   |
| Panorama   | —  | —   | Yes   |
| Image controls   | MSX alignment, 90° rotation  |   | MSX alignment, free rotation, resize, crop  |
| Image annotations  | Text, Voice  |   |   |
| Color distribution   | Histogram equalization, signal linear, temperature linear  | Histogram equalization, signal linear, temperature linear, Digital Detail Enhancement                   |   |
| Custom image overlay   | —  | Yes   |   |
| Custom color palettes  | —  | —   | Yes   |
| Gas visualization  | —  | —   | High sensitivity mode (HSM) and pixel binning   |
| Streaming and recording  |  |   |   |
| View non-radiometric video   | Yes  |   |   |
| Record non-radiometric video   | Yes  |   |   |
| View radiometric video   | Yes  |   |   |
| Edit radiometric video (SEQ and CSO)                                   | —  | —   | Yes   |
| Record radiometric video   | —  | —   | Yes   |
| Segment video capabilities   | —  | —   | Yes   |
| Dual streaming (visual & IR)   | —  | —   | Yes   |
| Multi-image editing/batch processing                                   |  |   |   |
| Scale & units  | —  | Yes   |   |
| Image presentation   | —  | Palette, fusion, UltraMax®  | Palette, fusion, fusion alignment, UltraMax, isotherm, alarm, clear isotherms, zoom factor, notes, color distribution, sketch, rotate                                     |
| Measurements   | —  | Spots, clear all  | Spots, Ellipses, Rectangles, Lines, Delta, clear all  |
| Parameters   | —  | Emissivity, distance  | Emissivity, reflected temperature, reference temperature, distance, atmospheric temperature, external optics temperature, external optics transmission, relative humidity |
| Output   | —  | Radiometric JPG   | Radiometric JPG, JPG, CSV, AVI, Map, Graphy   |
| Plugin support (sold separately)                                       |  |   |   |
| FLIR Route Creator   | —  | —   | Yes   |
| FLIR Si-Series Plugin  | Yes  | Yes   | Yes   |
| System Compatibility   |  |   |   |
| Compatible FLIR products   | All cameras that generate images in radiometric JPG format (including A-, B-, C-, K-, T-, E-, GF-, i-, P6-, FLIR One series), and Si124 Acoustic Imaging Cameras (Si124, Si124-LD, Si124-PD) |   |   |
| Compatible cameras with embedded <a href="#">FLIR Inspection Route</a> | FLIR E54, E76, E86, E96, GF77 and any T-Series camera purchased after October 8, 2020  |   |   |
| FLIR Ignite™   | Access images uploaded to FLIR Ignite cloud from Thermal Studio using Ignite Sync  |   |   |
| System requirements  | Windows 8 or later / Thermal Studio 1.7 and later versions supports 64-bit only / RAM: Minimum 4 GB / Disk space: Minimum 250 MB   |   |   |

Specifications are subject to change. For the most up-to-date specifications, please visit [teledyneflir.com](https://www.teledyneflir.com).

# FAST, EFFICIENT THERMAL ANALYSIS AND REPORTING

## THE FLIR THERMAL STUDIO SUITE

This state-of-the-art analysis software is designed to help users manage thousands of thermal images and videos and quickly produce professional reports. Compatible with files from handheld thermal cameras, unmanned aircraft systems (UAS), acoustic imaging cameras, and optical gas imaging (OGI) cameras, this software offers the features needed to streamline workflow and increase productivity.

## THREE TIERS, ONE POWERFUL SOFTWARE

FLIR offers three software tiers providing the capabilities users need at a range of affordable prices. All three versions can directly access the FLIR Ignite library via Wi-Fi for downloading stored images from the cloud.†

### FLIR THERMAL STUDIO STARTER

- Free license
- View and edit radiometric images
- Quick reporting with pre-defined templates

### FLIR THERMAL STUDIO STANDARD

- 1-year or perpetual subscription
- Customize reports
- Advanced measurement and image analysis
- Basic multi-image editing (batch processing)

### FLIR THERMAL STUDIO PRO

- 1-year or perpetual subscription
- Full range of advanced analysis and reporting functionality
- View, stream, and record radiometric video (includes dual streaming)
- Batch processing with all image and measurement controls
- Compatible with FLIR Route Creator plugin (optional) for building and downloading inspection plans



## FLIR THERMAL STUDIO PLUGINS



### FLIR THERMAL STUDIO PLUGINS

Complete your inspections efficiently and reduce reporting time by 50% with the [FLIR Route Creator](#) plugin for FLIR Thermal Studio Pro. This plugin allows you to build an inspection path for every location survey that you can either print or download and run from a thermal camera that has FLIR Inspection Route enabled.\* Inspection Route directs you through the pre-planned survey so you can acquire temperature data and thermal images in a

logical sequence. This helps automate data management and allows you to easily maintain historical records for improved predictive maintenance.

Once you've completed an inspection, you can upload images to the FLIR Ignite cloud† or import images, data, and notes directly into your report templates, cutting your reporting time in half.

\*Exx-Series and T-Series cameras purchased prior to October 8, 2020 will require the addition of [FLIR Inspection Route](#). Camera option is included on E54, E76, E86, E96, and all new T-Series cameras.

† Required FLIR Ignite firmware available.

### FLIR SI-SERIES PLUGIN

The FLIR Si-Series Plugin allows you to import acoustic images from FLIR Si124 cameras to FLIR Thermal Studio, edit and analyze them, and create advanced reports. With the plugin you'll have support for automatic fault classification, severity indication, recommended action for utility inspections, and estimation of leak volume and cost savings for air leaks. Combine acoustic images with thermal imaging in the same report.

The FLIR Si-Series Plugin is available as a perpetual license and is compatible with all versions of FLIR Thermal Studio desktop software (Starter, Standard, and Pro).

For more information please visit:

[www.flir.com/si-series-plugin](http://www.flir.com/si-series-plugin)