TELEDYNE

FLIR THERMAL STUDIO SUITE

SOFTWARE	THERMAL STUDIO STARTER	THERMAL STUDIO STANDARD	THERMAL STUDIO PRO
Subscription	Free	visit FLIR.com/Thermal-Studio-Suite for pricing	
File formats			
Image files	JPEGs, radiometric JPEGs		
Video files	MP4, CSQ, 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 CSQ)	—	—	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 FLIR Inspection Route	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.

TELEDYNE

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).