IR FLASH VERSION 1.0
INFRARED SOFTWARE

ICI | INFRARED CAMERAS INC

Medical

Our IR Flash version 1.0 professional thermal imaging software is geared towards the professional thermographer or medical technician who requires a full suite of analysis tools for research, process control, flare monitoring, temperature screening and more. Also serves research, scientific, and prevention monitoring applications. The core technology used in ICI software is the latest in thermal imaging, with control functionality built-in. This ensures versatility for any and all process monitoring and control applications.

Use the built-in IR Calculator to determine the theoretical effects of emissivity, reflection, and transmission on radiometric temperature values. Zoom in or out on images. Users can manually capture images for view a continuous stream.

Image display controls fine-tune the way the images are presented on screen with automatic gain control, center and span controls. Image touch-ups are also available for enhancing images. IR Flash allows for complete control over the color palette for viewing black and white IR images in color scale. Users can even average multiple images from the camera into a single image.

Generate regions of interest within or on your image data by marking and configuring them. There are a total of 48 possible zone settings. Users can plot the temperature data over time for any/all of the zones placed on the image while maintaining the ability to adjust radiometric controls for each zone individually.

Export data within zones in Excel, CSV, Raw data formats. Alarms configuration for each zone allows you to set up the system for continuously monitoring. Alarms are triggered if any of the zones average temperature value exceed the temperature threshold specified.
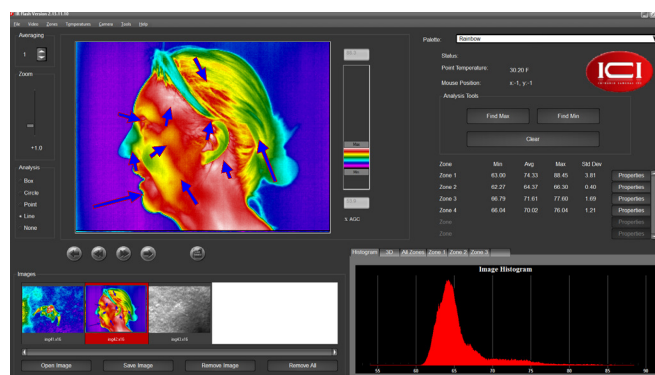
Features

- Thermal image analysis
- Select IR color mapping
- Image averaging
- Zoom
- Manual image capture
- Image display control
- IR calculator
- Apply palette to all images
- GPS meta-data
- Alarm zoning
- Video options
- Export options
- Radiometric corrections
- Image touch-ups

Applications

- Industrial applications
- Radiometric imaging
- Scientific research
- Process control
- Flare monitoring
- Security
- Skin temperature measurement
- Radiometric imaging
- Scientific research
- Public access areas

Specifications

- **Processor:** i5 or above
- **RAM:** 4 GB or above
- **OS:** Windows 8/8.1/10
- **Hard Drive:** 256 GB or above
- **Resolution:** 1920 x 1080

THIS DEVICE IS INTENDED FOR ADJUNCTIVE USE WITH OTHER CLINICAL DIAGNOSTIC PROCEDURES TO MEASURE HUMAN BODY TEMPERATURE VIA NON-CONTACT SKIN MEASUREMENTS VISUALIZED FROM THE HUMAN FACE. NOT MEANT FOR STANDALONE CLINICAL DIAGNOSTIC PROCEDURES OR TO TREAT OR DIAGNOSE PATIENTS.