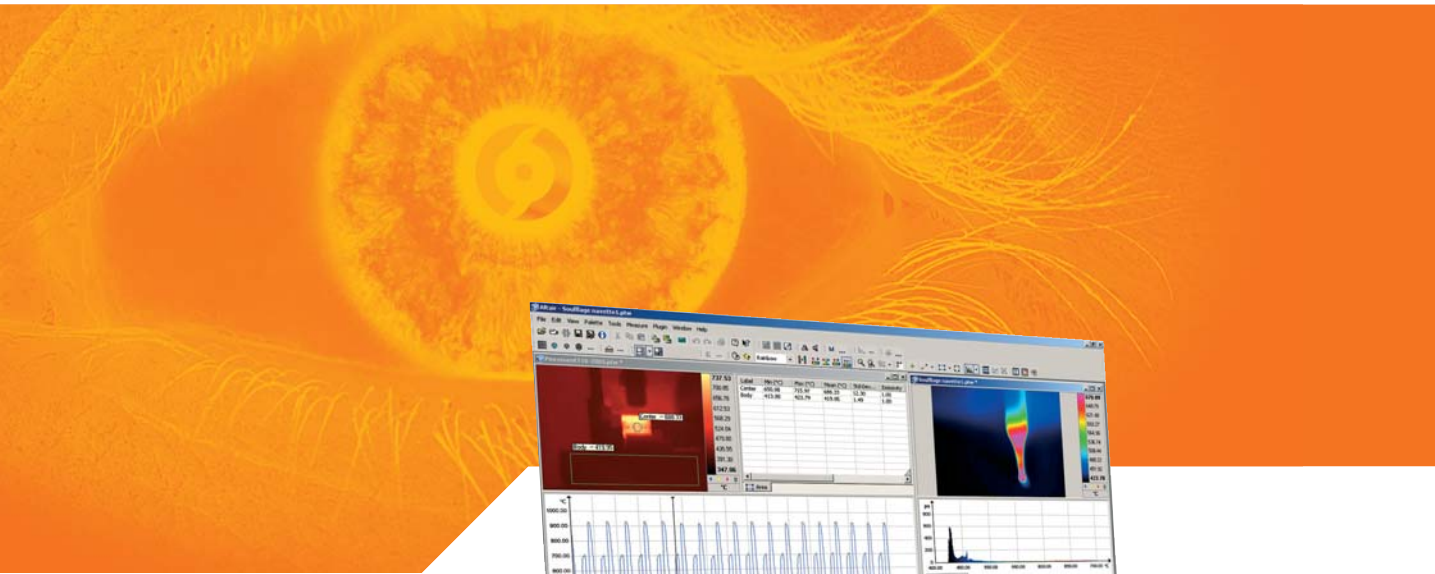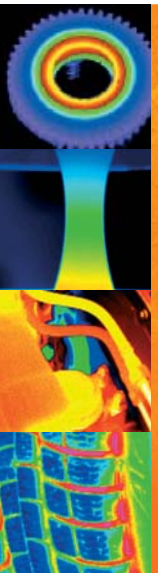# FLIR

The Global Leader in Infrared Cameras

ALTAIR

Infrared imaging software suite
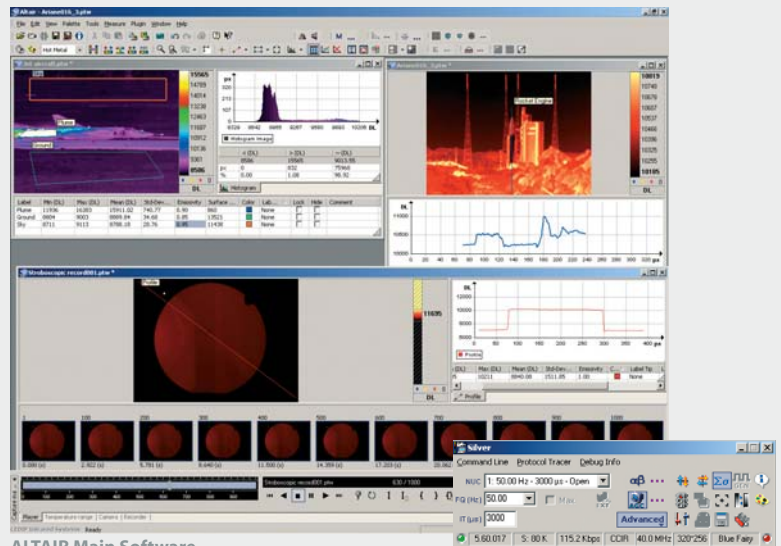### for Research and Development applications

> Operates with all Cedip infrared cameras

> Windows XP/2K compatible

> Real time lossless recording on hard disk or RAM at the fastest frame rate

> Live image and live tools and live image processing features

> Unique temperature analysis functions

> Remote control of the cameras

> Labview & DLL's drivers

> Plug In extensions available to third party programmers

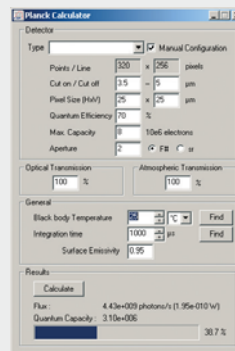> Compatible with USB2, CAMLINK, GigE and LVDS digital video interfaces

The ALTAIR software suite offers powerful and sophisticated features for scientists and engineers who want to acquire, display and process infrared images. The ALTAIR suite is composed of several software tools allowing to achieve simple and conventional tasks as to more complex focal plane array management features.

- Calibration File Manager is the ultimate tools for users who want to calibrate their cameras in any particular electro optical configuration by adding external filters or when setting new integration time configurations.

- CIRRUS Front End controls all the CEDIP infrared cameras with the same user interface, allowing to set frame rate, integration time, NUC with a mouse click

- Planck's Law Calculator models the focal plane arrays, calculates the irradiance and optical fluxes for optimizing the camera settings.

- Smart Trigger Module provides instant configuration and access to all trigger conditions available from the camera.

- Collection of advanced modules such as the NUC Viewer or the BPR Viewer gives detailed maps and information on the real bad pixels and NUC maps of your cameras.
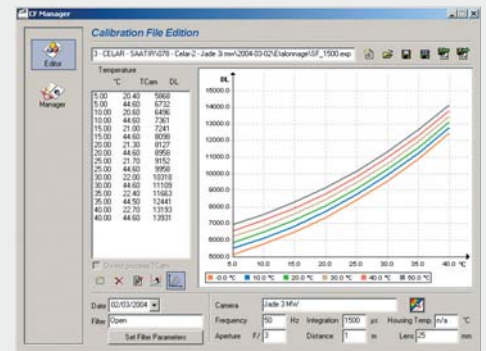
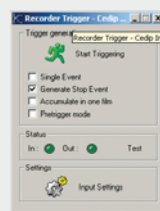**ALTAIR Main Software**
Live Image Video, Image processing.

CIRRUS Front End
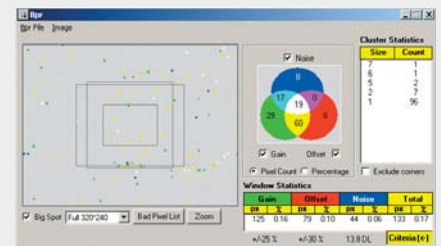Set frame rate, integration time AGC's, NUC' & BPR, sub windows, …

Planck's Law calculator
Calculate Radiance, Emittance, FPA modelling, Dynamic range prediction.

Calibration File Manager
Calibrate the camera with any electro-optical configuration. Generate calibration files.

Smart Trigger Module
Configure Triggering modes triggering conditions, pre–trigger, post–trigger, input trigger, …

Bad Pixel Viewer
Display bad pixel of the camera according to selectable criterias.

A flexible and detachable tool bar provides easy and intuitive access to all functions

FLIR

The Global Leader in Infrared Cameras

FLIR Systems AB - World Wide Thermography Center
Rinkebyvägen 19 - PO Box 3
SE-182 11 Danderyd - Sweden
Tel.: +46 (0)8 753 25 00 - Fax: +46 (0)8 755 07 52
e-mail: sales@flir.se

FLIR Systems Sarl · France · Tel.: +33 (0)1 41 33 97 97 · e-mail: info@flir.fr
FLIR Systems AB · Belgium · Tel.: +32 (0)3 287 87 10 · e-mail: info@flir.be
FLIR Systems Co. Ltd. · Hong Kong · Tel.: +852 27 92 89 55 · e-mail: flir@flir.com.hk
FLIR Systems GmbH · Germany · Tel.: +49 (0)69 95 00 900 · e-mail: info@flir.de
FLIR Systems Ltd. · United Kingdom · Tel.: +44 (0)1732 220 011 · e-mail: sales@flir.uk.com
FLIR Systems S.r.l. · Italy · Tel.: +39 02 99 45 10 01 · e-mail: info@flir.it

www.cedip-infrared.com