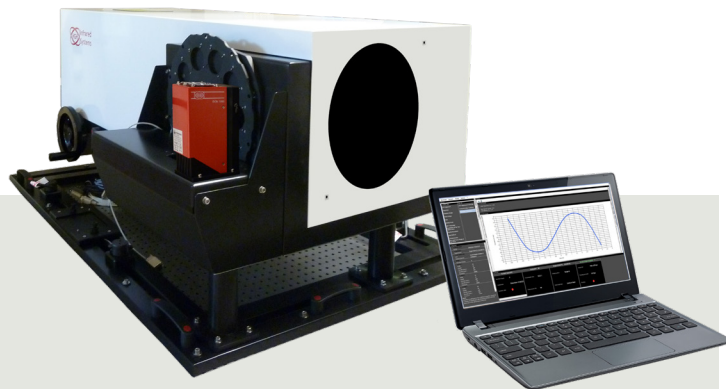




→ EO/IR Equipment Test Solution



INFRATEST

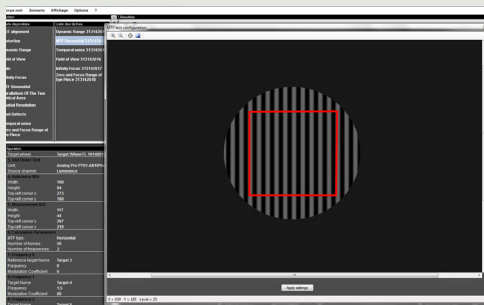
ELECTRO-OPTICAL

TEST SOFTWARE



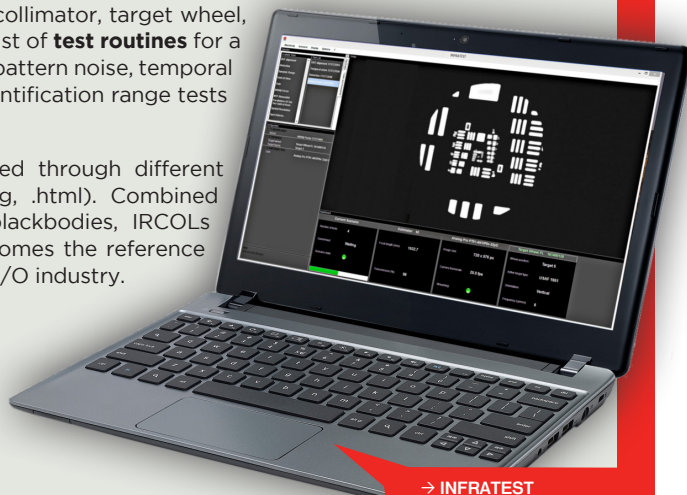
► UNIVERSAL & EASY-TO-USE TEST SOLUTION

INFRATEST is a powerful software for testing **IR cameras, visible and NIR cameras, ICCDs, goggles and laser rangefinders**. Based on video acquisition modules compatible with a wide range of communication protocols, including LVDS, Camera Link, GigE Vision and all types of analog formats – CCIR, PAL, RS170, NTSC, INFRATEST acquires, displays and analyzes the video signal from all types of electro-optical devices. In addition, INFRATEST manages the optical stimuli delivered to the camera through the control of **blackbodies** and visible/NIR optical sources and their accessories (collimator, target wheel, harmonization modules, etc.). INFRATEST is able to run an exhaustive list of **test routines** for a **full characterization** of camera performances: noise tests (NETD, fixed pattern noise, temporal noise ...), spatial tests (MTF, FOV, distortion), detection/recognition/identification range tests (MRTD, MDTD, TOD), alignment and harmonization tests...



→ MTF Test Setup

Test results are exported through different formats (.csv, .xml, .png, .html). Combined with HGH's high-end blackbodies, IRCOLS target projectors, it becomes the reference testing solution for the E/O industry.

→ INFRATEST
EO/IR Test Software

► VERSATILE TEST SETUP FOR A COMPLETE CHARACTERISATION OF EO/IR DEVICES

INFRATEST enables to set up multiple optical tests by a click, controlling external reference sources and acquiring camera video signal through standard communication protocols.



→ Reference Sources & Accessories



→ Cameras under Test

Optical Stimuli Management



LVDS, GigE, CCIR ...
Signal Acquisition
NETD, MTF ...
Results Export

.csv
.xml
.png
.html

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