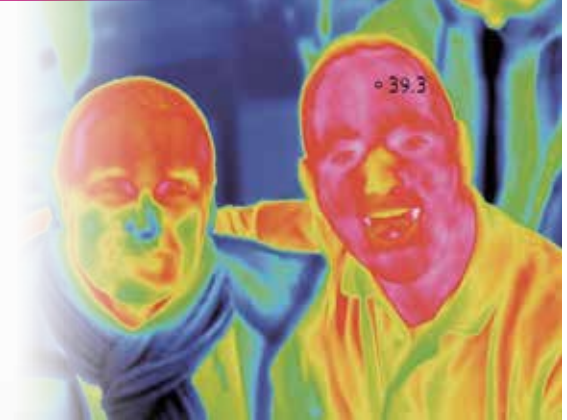




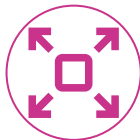
MORE LIGHT



Blackbird Precision – Portable Thermal Monitoring Kit



Mobile | All-in-One



Versatile



Smart



Flexible

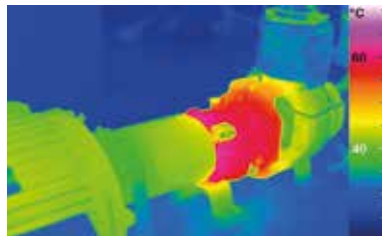


Blackbird infrared camera with tethered tablet PC

Blackbird precision thermal monitoring kit provides a mobile **all-in-one solution** for versatile application.

The ready to use kit combines a highly sensitive radiometric calibrated infrared camera with a tablet PC and a professional thermographic analysis and reporting tool.

Either in stationary or in portable use, the monitoring kit allows you to record and analyze temperature data on-location, from remote positions, and in real time.



Industry & Automation

- Thermal inspection
- Predictive & preventive maintenance
- Thermal monitoring and screening
- Failure detection



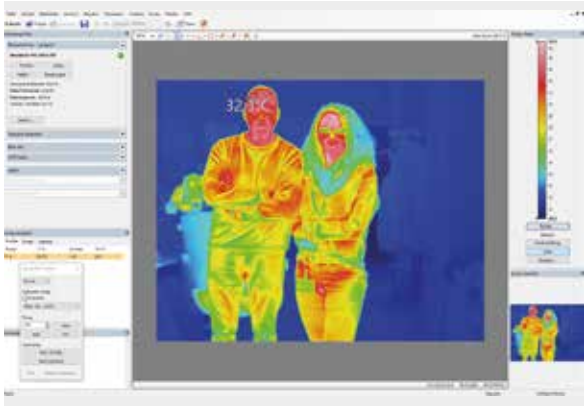
Medical & Biological

- Remote temperature screening
- Medical diagnostics and biological R&D
- Assessment of blood circulation, stress level, or inflammation



Safety & Security

- Infectious disease control
- Thermal screening of large areas
- Perimeter and critical infrastructure protection
- Search & rescue



Screenshot GRAYESS IRT Analyzer

The IRT Analyzer software suite helps you to **record, analyze, manage, and export** thermal images and temperature data with ease and in real-time – wherever you are, whatever your assignment.

IRT Analyzer feature overview

- Easy to use integrated workspace
- Flexible real time image view
- Full range of basic and advanced analysis tools
- Image sequence recording and real time analysis
- Template based report generating system
- Image database and explorer
- Various image and data export options



- Compact, lightweight, easy to integrate
- Easy connectivity with standard GigE Vison interface
- Uncooled European infrared detector with $17\ \mu$ technology: VGA, XGA
- Radiometric calibration

- Broad offer of infrared optics, with FOVs matching any possible application: from close up macro lens to wide angle and extreme telephoto.
- Electric auto-focus mechanism included





MORE LIGHT

Features and benefits at a glance

- Portable, all-in-one solution
- On-location thermal monitoring in real-time
- Easy to integrate: Small, lightweight, GigE Vision
- High thermal sensitivity, low NETD
- Radiometric calibration
- Comprehensive image analysis and reporting tool
- Broad choice of infrared optics for versatile application
- European infrared detector technology
- More than 30 years of experience in high-end thermal imaging

Contact

Industrial Solutions

JENOPTIK | Light & Optics
JENOPTIK Optical Systems GmbH

Phone +49 3641 65-3041
industrial-sensors@jenoptik.com
www.jenoptik.com