Blackbird Precision – Portable Thermal Monitoring Kit

Mobile | All-in-One
Versatile
Smart
Flexible
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.

Blackbird infrared camera with tethered tablet PC

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
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

Screenshot GRAYESS IRT Analyzer

- Compact, lightweight, easy to integrate
- Easy connectivity with standard GigE Vision interface
- Uncooled European infrared detector with 17 µ 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

• 125 mm
• 95 mm
• 90 mm
Features and benefits at a glance

• Portable, all-in-one solution
• On-location thermal monitoring in real-time
• Easy to integrate: Small, lightweight, GigE Vison
• 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

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