VarioCAM® HD head
Thermographic Solution for Use in Industry and Research

Europe’s leading specialist for infrared sensors and measurement technology

- Microbolometer detector with up to (1,024 × 768) IR pixels
- Opto-mechanical MicroScan with up to (2,048 × 1,536) IR pixels
- Frame rate of up to 240 Hz, GigE Vision interface
- Process- and trigger interface
- Solid light metal housing (IP67)
- Pixel size with microscopic lens up to 17 μm

1) VarioCAM® HD head
2) Seat heater
3) Assembled circuit board

www.InfraTec.eu

Made in Germany
The thermographic high-resolution system VarioCAM® HD head was conceived for demanding stationary monitoring and measurement tasks. The VarioCAM® HD head produces brilliant high-quality thermographic images with 16 bits, which allows unprecedented efficiency, especially when capturing smallest details on large object surfaces. Because of the maximum frame rate of 240 Hz, very quick temperature changes can be recognised reliably.

The various sets of equipment make it easy to adjust the setup to the respective measurement task: The application range includes automatic threshold recognition and signalling, digital real-time image acquisition via GigE, online processing of thermographic data and much more. The industrial light metal housing (IP67) allows easy and inexpensive installation in tough process environments.

Application examples:
- High-resolution thermography in research and development
- Stationary microthermography
- Security engineering and early fire detection
- Monitoring and controlling of fast-running processes