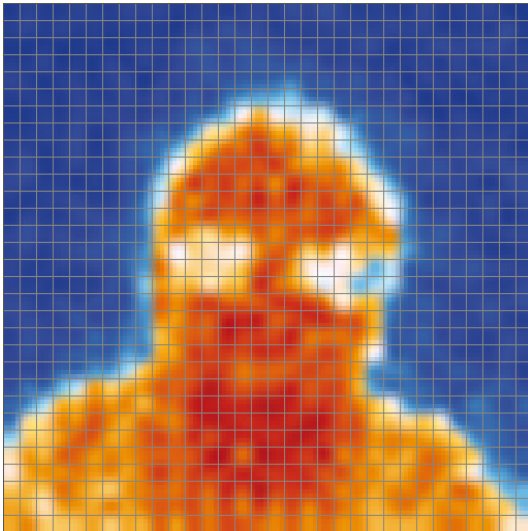


PYROFIELD 32L

Mini Matrix Camera for Temperature Monitoring

Thermal image of a person (interpolated)



Features

- Temperature monitoring range from 0 °C to 200 °C
- Thermopile array with 32 × 31 pixels
- Measurement frequency 15 frames per second
- Lenses with 40° × 39°
- Aluminium compact housing 54 mm × 54 mm × 170 mm
- Optional with water cooling system and air purge
- Safety class IP 65 (DIN 40 050)
- Data acquisition via Ethernet
- Online and offline software PYROSOFT for Windows® with possibilities for communication with process control systems

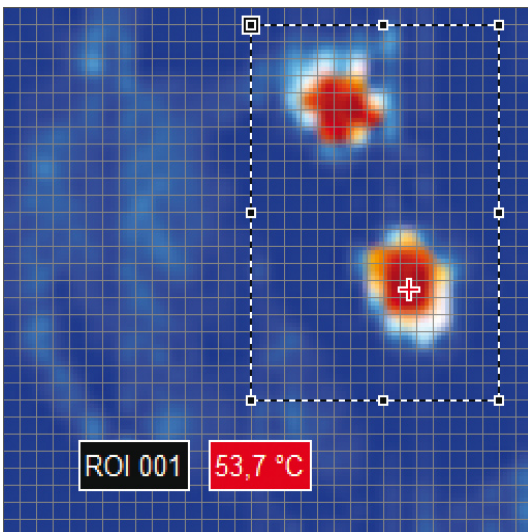
Applications

The mini matrix camera PYROFIELD 32L provides the non-contact measurement of temperature. Temperature distributions with a spatial resolution of 32 × 31 pixels can be measured with the inexpensive camera.

The novel cameras are designed for long-term use under harsh environmental conditions. Typical applications are process control and monitoring, fire detection and surveillance.



Thermal image with two hot spots (interpolated)



Accessories

- Connecting cable for power supply and Ethernet
- AC adapter or power supply unit
- Adjustable mounting unit
- Ball and socket mounting
- Tripod with ball head
- Air purge unit
- Stainless steel water cooling jacket
- Programming interface (DLL) for system integration
- Customized system solutions with modified hardware and software

Technical details are subject to change without notice. January 2011.