

## **Orglmeister's infra-red thermography contributes to early fire detection**

The Pyrosmart system manufactured by the company Orglmeister Infrarot-Systeme consists of an infra-red thermal imaging camera and a video camera placed together in a housing. A mechanical swiveling device provides a wider detection range. As a result, the highly sensitive thermal imaging camera constantly scans the entire area to be monitored, thus detecting temperature anomalies in real time. The recorded thermal images are assembled to form an accurately detailed infra-red panoramic image using patented software. Any area of the panoramic image can be zoomed in, so that the prevailing temperature can be checked precisely. The system can be easily controlled thanks to a touch screen user interface. The user can select the arbitrary temperature threshold values and, if these values are exceeded, an alarm is triggered automatically.

The Pyrosmart device unit, which features cameras and a control system, can be constantly supplied with compressed air, so that it can also be used in hot and dusty environments. The system is equipped with an Ethernet interface, as well as an alarm output. Furthermore, the system, which is suitable for instance for the monitoring of paper or tyre warehouses, requires a power supply of just 24 V.



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[www.pyrosmart.de](http://www.pyrosmart.de)