Dual Thermal Technology

Automatic Temperature Alarms • 6MP Moonlight • Reliable

MOBOTIX

Products: Thermal

Thermal image overlay

M15 Dual Thermal & Optic

S15 Dual Thermal & Optic

S15 Dual Dual Thermal

S15 PTMount Thermal

Temperature Events

Thermal radiometry (TR) models M15, S15 and S15 PTMount from MOBOTIX generate automatic alarms, defined by temperature limits or temperature ranges, which is vital to detect potential fire or heat sources. Up to 20 different temperature triggers can be

- **Thermal Resolution**
  Equivalent to 0.05 °C, range -40 to +550 °C
- **Temperature Alarms**
  Up to 20 different automatic temperature events
- **Hot Spot Analysis**
  With thermal image overlay
- **Motion Detection**
  In complete darkness with thermal image and MxActivitySensor
- **Power**
  Lowest energy bill, < 6W, standard PoE
- **Robust and Nearly Maintenance-Free**
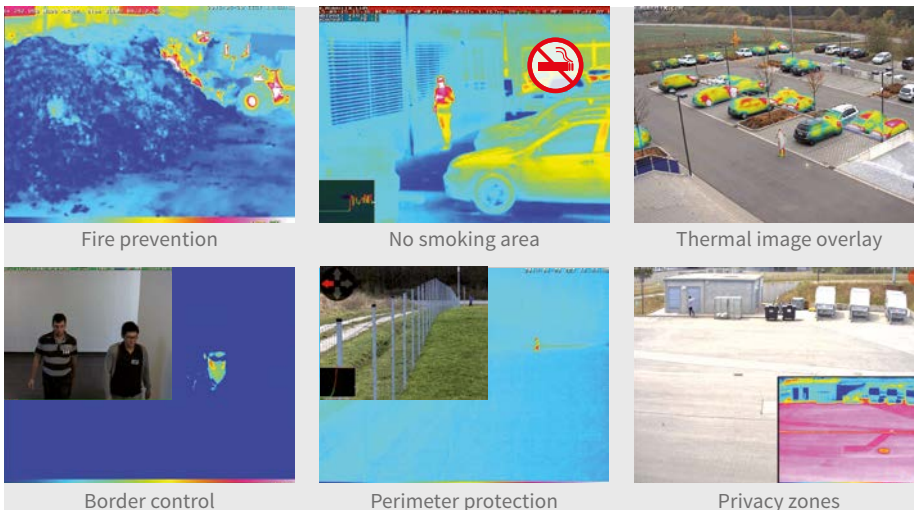 Weatherproof, IP66, -30 to +60 °C, MTBF > 9 years

defined at the same time within so-called TR (Thermal Radiometry) windows or the whole sensor image can be used over the temperature range of -40 to +550 °C. In this way critical situations can be analyzed in the control room in order to plan the next steps for effective fire prevention. Critical assets like emergency generators, wind turbines or radio stations can be cost-effectively maintained and tested remotely. MOBOTIX thermal dual camera systems offer thermal overlay to localize so-called hot spots in the visual image to prevent larger damage. The standard Power-over-Ethernet (PoE) compatibility and the extremely low power consumption of only 6 watts allows operation of MOBOTIX thermal camera systems in every situation.

Cost Effective Perimeter Solution

Only one thermal MOBOTIX camera is required to protect a huge outdoor area without the need of any additional illumination – even in complete darkness. The combination of thermal & video sensors and intelligent software based motion detection (MxActivitySensor) are perfectly suited to efficiently cover wide perimeter situations without any secondary equipment like conventional light or infrared illumination.

Respecting Privacy

The detected thermal profile of a thermal camera shows no identifiable details for identification of persons and can therefore guarantee privacy. As soon as an object is moving into the relevant surveillance area, MOBOTIX dual camera system can automatically switch from thermal sensor to the optical sensor, producing visible high resolution video. This unique MOBOTIX feature combines two aspects, respecting the privacy aspect and at the same time optimal video surveillance.

Fire prevention

No smoking area

Thermal image overlay

Border control

Perimeter protection

Privacy zones

MOBOTIX