

Thermal camera



ExCam® XI80

World's smallest auto-focus thermographic camera

The ExCam XI80 is a powerful thermographic camera with an integrated infrared thermometer and auto focus (thermal imaging technology with 80*80p resolution, exact temperature measurements in a range from -20°C to +900°C), developed for use in hazardous areas. You can find more information in the download area on the [product page](#).

Broad certification landscape for hazardous areas

The ExCam XI80 is certified in accordance with both the European (ATEX) and international (IECEx) directives. The explosion-proof housing is approved for ATEX group II (gas and dust) for zones 1, 2 as well as 21 and 22 including explosion group IIC / IIIC. More information on our [data sheet](#).

When is the XI80 the right choice?

Do you need a camera that detects movements and changes, can recognize cold- and hotspots and triggers an alarm if limit values are exceeded?

Temperature monitoring is contactless, and the heat-based recording of data is independent of light and visibility conditions.

The ExCam XI80 provides excellent infrared images of objects in a temperature range from -20°C to 900°C. The spot finder function enables precise temperature without having to readjust the sensor, as the sensor adjusted automatically.

Features

- ✓ Ultra-compact housing - combination thermal imaging camera and pyrometer (IR-thermometer)
- ✓ Day-/night-functionality - reliable heat monitoring
- ✓ Access by several authorized users possible at any time from any networked location worldwide
- ✓ Sustainability - configurable, self-optimizing
- ✓ Cost efficiency - problem-free, future-proof integration
- ✓ Different optics available (standard, wide, tele)
- ✓ Temperature range -10°C to +50°C
- ✓ Autonomous operation with automatic spot finder
- ✓ Thermal sensitivity NETD 0,1°C, optical resolution with Distance-to-Spot-Size Ratio up to 190:1