Laserliner

ThermoCamera HighSense Pro

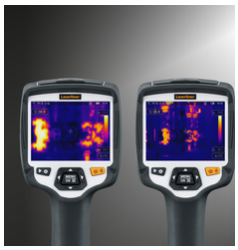
Optimum, high-resolution thermal imaging camera for use in the construction industry, mechanical engineering and electrical engineering – perfect for detailed image analysis

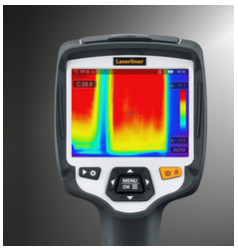
This thermal imaging camera offers an infrared sensor with particularly high resolution for detailed image analysis and optimum visualisation of extremely small temperature differentials. Thanks to its large measuring range, working range and field of vision, it is highly suitable for use in areas such as the construction industry, mechanical engineering and electrical engineering. One-click configuration allows the thermal imaging camera to be configured quickly with the CustomApp function using an extensive range of parameter setups for many different standard applications. Extremely high thermal sensitivity also enables detection of thermal bridges and insulation errors in buildings, analysis of heating systems, location of overheated components, cables and fuses, and identification of defective solar cells in PV modules.

- The ideal solution for detailed image analysis and identifying extremely small temperature differentials using high-resolution infrared microbolometer sensors
- Versatile applications in construction work, and electrical and mechanical engineering

TECHNICAL DATA

Measured Variable	Infrared temperature
Features	Point Alarm Image recording Real-time video transmission CustomApps min./max. Line Area Temperature range manual / automatic / Histogram Video recording USB mass storage
Screen Type	3,5" TFT-Display
Sensor Type	uncooled microbolometer
Auflösung IR-Sensor	384 x 288 pixels
Display Resolution	640 x 480 pixels
Spectral Range	8-14 µm
Image Frequency	9 Hz
Thermal Sensitivity (NETD)	NETD 0.05°C (50 mK) @ 30°C
Measuring Range Infrared Temperature	-20°C … 150°C, 0°C … 650°C
Accuracy Infrared Temperature	± 2°C or 2% of measured value





SCOPE OF DELIVERY

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