Laserliner

ThermoCamera-Compact Plus

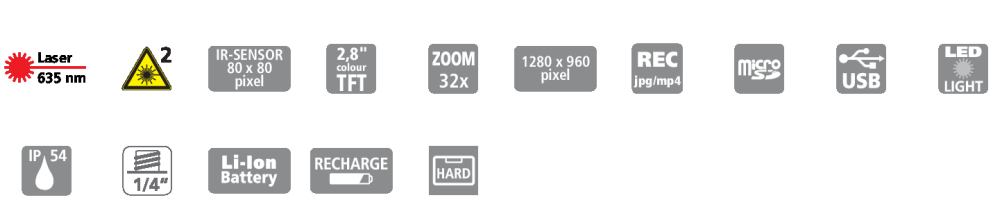
Compact thermal imaging camera for applications in construction, electrical engineering and mechanical engineering

This compact thermal imaging camera is suitable for use in the construction industry, electrical engineering and mechanical engineering The device provides safe evaluation and analysis of temperature conditions. The target laser allows the test area to be precisely selected. The infrared sensor with focusable infrared lens provides detailed and varied image analysis. The infrared image, digital image and mix image options provide the user with a range of visual representations. The device can also carry out hot or cold spot marking. Further benefits include a wide measuring range, adjustable emissions value range and a preset materials table. Measured value correction for ambient and reflected temperature ensures easy compensation of error effects. The data are saved on an exchangeable Micro SD card. The device automatically switches off after a defined period of time to save energy.

- Reliable assessment and analysis of temperature conditions

TECHNICAL SPECIFICATIONS

MEASURED VARIABLE	Infrared temperature
FEATURES	Point min./max. Digital zoom 1-32x
SCREEN TYPE	2,8" TFT display
DISPLAY RESOLUTION	240 x 320 pixels
SPECTRAL RANGE	8-14 µm
THERMAL SENSITIVITY (NETD)	100 mK @30°C
MEASURING RANGE INFRARED TEMPERATURE	-20°C … 150°C, 0°C … 350°C
ACCURACY INFRARED TEMPERATURE	± 2°C or 2% of measured value
POWER SOURCE	Li-ion battery pack 3.7V / 2.6Ah DC 5V / 2.4A
OPERATING TIME	approx. 4 hours
OPERATING CONDITIONS	-20°C … 50°C, max. humidity 85% rH, no condensation, max. working altitude 2000 m above sea level
STORAGE CONDITIONS	-40°C … 70°C, max. humidity 85% rH
DIMENSIONS (W X H X D)	95 mm x 230 mm x 80 mm
WEIGHT	500 g (incl. battery pack)



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