

Laserliner®

ThermoVisualizer



Visualisation of temperature curves for use in construction, electrical engineering, industrial applications and person diagnosis in compact design

Rev.12/14



- **Large, high-resolution 2.8" colour display** for analysis
- High-quality **infrared sensor** enables quick and easy measurement for evaluating temperature profiles
- **Large measuring range** from -20°C to 250°C
- **Adjustable emissivity range** from 0.01 to 1.0 for precision measurement of material properties
- Measuring point for **temperature analysis**, min/max display, measured data for each image
- Selectable standard **colour pallets**: IRON, RAINBOW, HIGH CONTRAST and GREY SCALE
- **Data storage on SD card**
- Built-in USB 2.0 **PC interface** for smooth data exchange and transfer of real-time measurement data
- Simple and easy to operate thanks to easy-to-access menu buttons

TECHNICAL DATA

IR SENSOR Thermoarray-Sensor 8-14µm
< 0.1°C @ +30°C temperature resolution

IR OPTICS High-quality IR-lens
40° x 40° (FOV),
standard-focus 0,5 m - 5 m

THERMAL SENSITIVITY
NETD, 0.1°C

ACCURACY
±2°C or ±2% of measured value

MEASUREMENT RANGE
-20 °C ... 250 °C

DISPLAY
2.8" colour TFT, 240 x 320 Pixel

IMAGE REFRESH RATE 9 frames / sec.

FORMAT JPEG format,
up to 60.000 frames / GB

MEMORY FUNCTION
Micro-SD card up to 8 GB

PORTS USB, micro-SD

PROTECTION CLASS IP54

OPERATING TEMPERATURE
-20°C ... 50°C

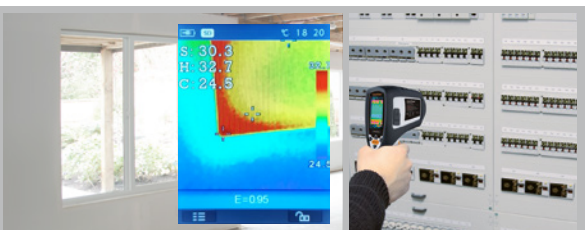
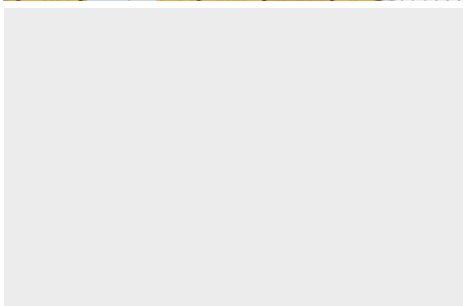
STORAGE TEMPERATURE -40°C ... 70°C

RELATIVE HUMIDITY
15%rH ... 85%rH, no condensation

POWER SUPPLY / OPERATING TIME
4 x AA alkaline batteries / approx. 6 h

DIMENSIONS
97 mm x 74 mm x 234 mm

WEIGHT 0,410 kg (incl. batteries)



2.8" colour display

Analysis of temperature conditions

ARTICLE	ARTICLE NO	EAN-CODE	PU
ThermoVisualizer	82.073A	4 021563 692712	1

DISPLAY

2.8"
colour
TFT



ThermoVisualizer
including carrying case
+ batteries
+ USB cable

Packing dimension (W x H x D)
340 x 275 x 83 mm