

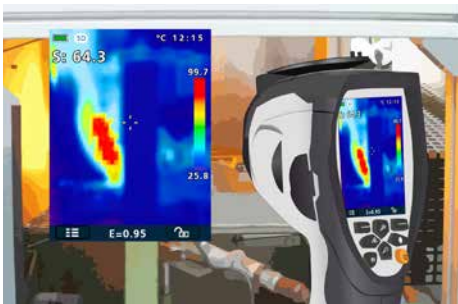
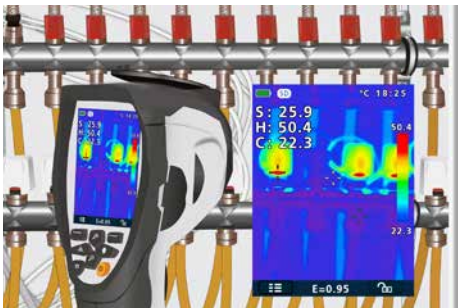
# Laserliner®

## ThermoCamera Compact Pro



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

Rev.1115



2.8" colour display



Target laser for pinpointing



LED object lighting

- **High-resolution 2.8" colour display** for reliable evaluation and analysis of temperature conditions
- **Infrared sensor with 120 x 160 pixel** resolution and focusable infrared lens for detailed and varied image analysis
- **Large measuring range** from -20°C to 350°C, adjustable emissivity range from 0.01 to 1.0 or selection from material table
- **Analysis** in various image modes:  
**Full-screen:** infrared image, digital image  
**MIX image:** crossfade infrared/digital image
- Selectable standard **colour pallets:**  
 IRON, RAINBOW, GREY, GREY-INV
- Central measuring point for **temperature analysis** and additional hot/cold spot measurement
- **Measured value correction for ambient and reflected temperature** for easy compensation of error effects
- **Data storage** on exchangeable micro-SD card
- **Built-in USB 2.0 PC interface** for smooth data exchange and additional PC camera function
- Simple and easy to operate thanks to easy-to-access menu buttons

### TECHNICAL DATA

<b>IR SENSOR</b> uncooled microbolometer, 25 Hz, 8-14 µm <b>Resolution</b> 120 x 160 pixels
<b>IR OPTICS</b> germanium infrared lens, <b>FOV</b> 19° x 25° <b>IFOV</b> 2.78 mrad <b>Focus</b> adjustable 0.5 - 30 m
<b>THERMAL SENSITIVITY</b> NETD 0,1°C @ +30°C
<b>MEASUREMENT RANGE</b> -20°C...150°C, 0°C...350°C
<b>ACCURACY</b> ±2°C or ±2% of measured value
<b>DISPLAY</b> 2.8" colour TFT
<b>IMAGE MODES</b> infrared image, digital image, MIX image
<b>IMAGE FUNCTION</b> 1-32x digital zoom
<b>DIGITAL CAMERA</b> resolution 1.280 x 960 pixels
<b>FORMAT</b> JPEG format, MPEG-4 standard (30 Hz), max. 1.280 x 960 pixels
<b>MEMORY FUNCTION</b> micro-SD card up to 16 GB
<b>PORT</b> mini USB
<b>CONNECTIONS</b> micro-SD, video (HDMI), audio, microphone/headphone
<b>LED</b> white LED, object lighting
<b>TARGET LASER</b> Laser class 2 < 1 mW
<b>OTHER FEATURES</b> choice of 7 languages
<b>OPERATING TEMPERATURE</b> -20°C...50°C
<b>STORAGE TEMPERATURE</b> -40°C...70°C
<b>RELATIVE HUMIDITY</b> 10%rH...90%rH, no condensation
<b>PROTECTION CLASS</b> IP54
<b>POWER SUPPLY / CHARGING TIME / OPERATING TIME</b> li-Ion battery pack 3.7V/2.6Ah / approx. 4 h / charg. electronic system, DC 5V
<b>DIMENSIONS</b> (W x H x D) 80 x 230 x 95 mm
<b>WEIGHT</b> 0.5 kg (incl. battery pack)



### ThermoCamera Compact Plus

- including carrying case
- + QuickReporting-Software
  - + Li-Ion battery pack with power supply/battery charger and international adapter
  - + USB cable
  - + Video cable
  - + Headphone
  - + 8 GB micro-SD card with adapter
  - + 1/4" tripod connection

Packing dimension (W x H x D)  
440 x 370 x 115 mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
ThermoCamera Compact Pro	082.084A	4 021563 694396	1

<b>DISPLAY</b> 2,8" colour TFT	<b>ZOOM</b> 32x	<b>SENSOR/CAMERA</b> IR-SENSOR 120 x 160 pixel	1.280 x 960 pixel	<b>Laser</b> 635 nm	<b>REC</b> jpg/mp4	<b>Micro</b>	<b>USB</b>	<b>LED LIGHT</b>	<b>IP 54</b>	<b>1/4"</b>	<b>RECHARGE</b>	<b>HARD</b>
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