

# Laserliner

## ThermoCamera Connect



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

Rev19W02

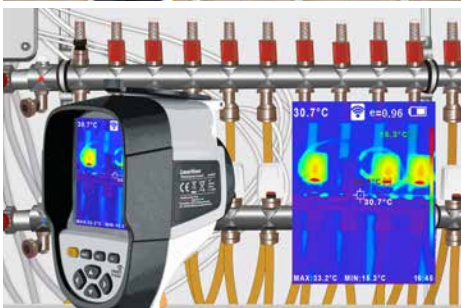


- **High-resolution 3.2" colour display** for reliable evaluation and analysis of temperature conditions
- **IR sensor with 220 x 160 pixel resolution** and focus-free infrared lens allows detailed and versatile image analysis



- **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:** Spectrum, Iron, Cool, White, Black
- Central measuring point for **temperature analysis** and additional hot/cold spot measurement

- Data transfer and control via **WLAN**, with display of the infrared live image

- Simple and easy to operate thanks to easy-to-access menu buttons



3.2" colour display

Protective cap for infrared optics

Material table

ARTICLE	ARTICLE NO	EAN-CODE	PU
ThermoCamera Connect	082.086A	4 021563 706730	1

<b>DISPLAY</b>	3.2" colour TFT	<b>SENSOR/CAMERA</b>	IR-SENSOR 220 x 160 pixel	640 x 480 pixel	<b>REC</b> jpg	IP 54	<b>RECHARGE</b>	<b>HARD</b>
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TECHNICAL DATA	
<b>IR SENSOR</b>	uncooled microbolometer, 9 Hz, 8-14 µm
<b>Resolution</b>	220 x 160 pixels
<b>IR OPTICS</b>	High-quality IR-lens
<b>FOV</b>	27° x 35°
<b>fixed focus</b>	working area: 0.5 m ... 20 m
<b>THERMAL SENSITIVITY</b>	NETD 0,07°C @ 30°C
<b>MEASUREMENT RANGE</b>	-20°C ... 350°C
<b>ACCURACY</b>	±2°C or ±2% of measured value
<b>DISPLAY</b>	3.2" colour TFT
<b>IMAGE MODES</b>	infrared image, digital image, MIX image
<b>DIGITAL CAMERA</b>	resolution 640 x 480 pixels
<b>FORMAT</b>	JPEG format
<b>MEMORY FUNCTION</b>	integrated SD memory (more than 20.000 images)
<b>PORT</b>	WLAN
<b>CONNECTIONS</b>	Micro-USB charging
<b>OTHER FEATURES</b>	choice of 9 languages
<b>OPERATING CONDITIONS</b>	0°C ... 45°C, max. humidity 20 ... 85% rH, no condensation, max. working altitude 2000 m above sea level
<b>STORAGE CONDITIONS</b>	-20°C ... 60°C, max. humidity 85% rH
<b>PROTECTION CLASS</b>	IP54
<b>POWER SUPPLY / CHARGING TIME / OPERATING TIME</b>	Li-Ion pack battery 3.5V - 4.2V / 2000 mAh / Micro USB 4.75V - 5.50V / approx. 2 - 3 h (depending on use)
<b>DIMENSIONS (W x H x D)</b>	105 x 223 x 90 mm
<b>WEIGHT</b>	389 g (incl. battery pack)



### ThermoCamera Connect

including carrying case  
 + Li-Ion battery pack with power supply/battery charger and international adapter  
 + USB charging cable

**Packing dimension (W x H x D)**  
 340 x 275 x 120 mm