

Laserliner

ThermoCamera Connect

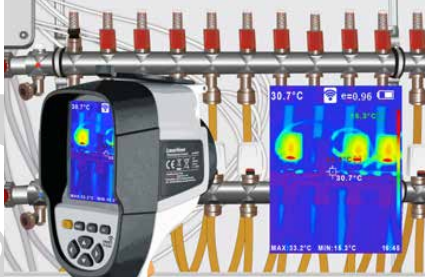


Compact thermal imaging camera for applications in construction, electrical engineering and mechanical engineering with WLAN interface

Rev191W10



- **High-resolution 3.2" colour display** for reliable evaluation and analysis of temperature conditions
- **Infrared sensor with 220 x 160 pixel resolution** enables quick and easy measurement for evaluating temperature profiles
- **Large measuring range** from -20°C ... 350°C
- Adjustable emissivity range from 0.01 to 1.0 or selection from surface
- **Analysis** in various image modes:
Full-screen: infrared image, digital image
MIX image: overlay infrared / digital image and infrared image
- Central measuring point for **temperature analysis** and additional hot/cold spot marking
- Selectable standard **colour pallets:** Spectrum, Iron, Cool, White, Black
- Data transmission and control via **WLAN**, with display of the infrared live image
- **Micro USB port for charging battery**
- Simple and easy to operate thanks to easy-to-access menu buttons



TECHNICAL DATA

IR SENSOR	uncooled microbolometer, 9 Hz, 8-14 µm
Resolution	220 x 160 pixel
IR OPTICS	high-quality IR-lens
Field of vision	27° x 35° (FOV)
Focus	standard, working area: 0.5 m ... 20 m
THERMAL SENSITIVITY	0,07°C @ 30°C
MEASUREMENT RANGE	-20°C ... 350°C
PRECISION	±2°C or ± 2% of measured value
DISPLAY	3.2" colour TFT
IMAGE MODES	Infrared image, digital image, MIX image
DIGITAL CAMERA	Resolution 640 x 480 pixel
FORMAT	JPEG
MEMORY	integrated SD memory (more than 20.000 images)
INTERFACE	WLAN
CONNECTIONS	Micro-USB charging
OTHER FEATURES	choice of 9 languages
PROTECTION CLASS	IP54
OPERATING CONDITIONS	0°C ... 45°C, max. humidity 20 ... 85% rH, no condensation, max. working altitude 2000 m above sea level
STORAGE CONDITIONS	-20°C ... 60°C, max. humidity 85% rH
POWER SUPPLY / CHARGING TIME / OPERATING TIME	Li-Ion battery pack 3.5V - 4.2V / 2000 mAh, Micro USB 4.75V - 5.50V / approx. 3 - 4 h / approx. 2 - 3 h (depending on use)
DIMENSIONS (W x H x D)	105 mm x 223 mm x 90 mm
WEIGHT	389 g (incl. battery pack)



3.2" colour display



Protective cap for infrared optics



Surface selection



ThermoCamera Connect

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

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

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

SENSOR/
CAMERA

IR-SENSOR
220 x 160
pixel

640 x 480
pixel

DISPLAY

3.2"
colour
TFT

REC
IP9

IP 54

