

Laserliner

ThermoCamera Connect



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

Rev19W02

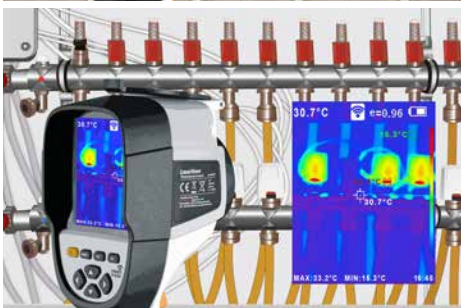


- **High-resolution 3.2" colour display** for reliable evaluation and analysis of temperature conditions
- **IR sensor with 220 x 160 pixel resolution** and focus-free infrared lens allows detailed and versatile image analysis



- **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

DISPLAY	3.2" colour TFT	SENSOR/CAMERA	IR-SENSOR 220 x 160 pixel	640 x 480 pixel	REC jpg	IP 54	RECHARGE	HARD
----------------	-----------------	----------------------	---------------------------	-----------------	----------------	-------	-----------------	-------------

TECHNICAL DATA	
IR SENSOR	uncooled microbolometer, 9 Hz, 8-14 µm
Resolution	220 x 160 pixels
IR OPTICS	High-quality IR-lens
FOV	27° x 35°
fixed focus,	working area: 0.5 m ... 20 m
THERMAL SENSITIVITY	NETD 0,07°C @ 30°C
MEASUREMENT RANGE	-20°C ... 350°C
ACCURACY	±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 pixels
FORMAT	JPEG format
MEMORY FUNCTION	integrated SD memory (more than 20.000 images)
PORT	WLAN
CONNECTIONS	Micro-USB charging
OTHER FEATURES	choice of 9 languages
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
PROTECTION CLASS	IP54
POWER SUPPLY / CHARGING TIME / OPERATING TIME	Li-Ion pack battery 3.5V - 4.2V / 2000 mAh / Micro USB 4.75V - 5.50V / approx. 2 - 3 h (depending on use)
DIMENSIONS (W x H x D)	105 x 223 x 90 mm
WEIGHT	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