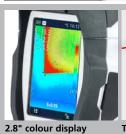
Laserliner®

ThermoCamera Compact Plus

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

- High-resolution 2.8" colour display for reliable evaluation and analysis of temperature conditions
- Infrarod sensor with 80 x 80 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
IR SENSOR uncooled microbolometer,
25 Hz, 8-14 μm Resolution 80 x 80 pixels
IR OPTICS germanium infrared lens,
FOV 17° x 17°
IFOV 3.78 mrad Focus adjustable 0.5 - 10 m
NETD 0,1°C @ +30°C
MEASUREMENT RANGE -20°C150°C, 0°C350°C
ACCURACY ±2°C or ±2% of measured value
DISPLAY 2.8" colour TFT
IMAGE MODES
infrared image, digital image, MIX image
IMAGE FUNCTION 1-32x digital zoom
DIGITAL CAMERA resolution 1.280 x 960 pixels
FORMAT
JPEG format, MPEG-4 standard (30 Hz), max. 1.280 x 960 pixels
MEMORY FUNCTION micro-SD card up to 16 GB
PORT mini USB
CONNECTIONS micro-SD, video (HDMI), audio, microphone/headphone
LED white LED, object lighting
TARGET LASER Laser class 2 < 1 mW
OTHER FEATURES choice of 7 languages
OPERATING TEMPERATURE -20°C50°C
STORAGE TEMPERATURE -40°C70°C
RELATIVE HUMIDITY 10%rH90%rH, no condensation
PROTECTION CLASS IP54
POWER SUPPLY / CHARGING TIME / OPERATING TIME
li-Ion battery pack 3.7V/2.6Ah / approx. 4 h / charg. electronic system, DC 5V
DIMENSIONS (W x H x D) 80 x 230 x 95 mm
WEIGHT 0.5 kg (incl. battery pack)
WEIGHT 0.5 KG (IIICI. Dattery pack)







ThermoCamera Compact Plus

ARTICLE

DISPLAY



ARTICLE NO

082.083A

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EAN-CODE

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Micro



- including carrying case + Video cable
- + QuickReporting-Software
 + Li-lon battery pack with power supply/battery charger and interna-tion of other trans-

+ USB cable

1/4"

- tional adapter
- card with adapter + 1/4" tripod connection

+ Headphone + 8 GB micro-SD

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

SENSOR/ CAMERA

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Laser