

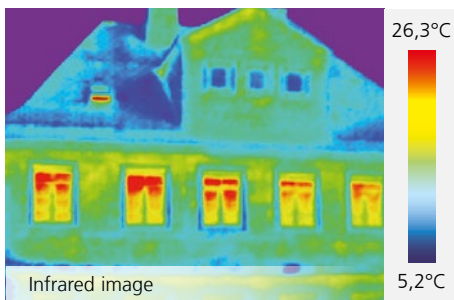
Laserliner®

ThermoXplorer Pro



Sturdy thermal camera for professional applications in construction and the electrical industry

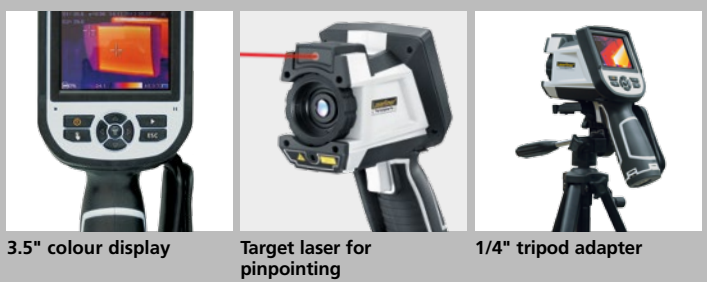
Rev.1213



- Large, high-resolution 3.5" colour display for analysis
- 160 x 120 pixel infrared sensor enables detailed and varied image analysis
- Large measuring range from -20°C to 350°C
- Analysis in infrared and digital image
- 11 standard colour palettes with high contrast options for better visualisation
- Measured value correction for ambient and offset temperature, relative humidity, measuring distance
- Extended real-time analysis: 4 measuring points, 2 measuring lines (horizontal/vertical), 3 measuring areas (with min/max/avg calculation)
- Automatic hot/cold point marking and isothermal function for dynamic, visual alarm display
- Image recordings for documentation with additional voice recording via an integrated microphone
- Simple and easy to operate thanks to large, easy-to-access menu buttons

TECHNICAL DATA

IR SENSOR	160 x 120 pixel resolution, uncooled microbolometer, 8-14 µm
IR OPTICS	Germanium interchangeable lens, 25° x 19° FOV, 2.73 mrad IFOV, manual focus 0.4 m min.
THERMAL SENSITIVITY	100 mK NETD, 0.1°C
ACCURACY	±2°C or ±2% of measured value
MEASUREMENT RANGE	-20 °C ... 350 °C
DISPLAY	3.5" colour TFT
IMAGE MODES	Infrared, digital
IMAGE FUNCTION	1-2x digital zoom
DIGITAL CAMERA	Resolution: 640 x 480 pixels
FORMAT	JPEG format, max. 640 x 480 pixels
MEMORY FUNCTION	Micro-SD card up to 16 GB
TARGET LASER	Laser classe 2 < 1 mW
PORTS	USB, micro-SD, video
PROTECTION CLASS	IP54, drop test 2 m, impact 25g (IEC60068-2-29), vibration 2g (IEC60068-2-6)
POWER SUPPLY / CHARGING TIME / OPERATING TIME	Li-Ion pack battery 7,4V / 2,0Ah / approx. 7 hours / approx. 3 hours per battery
DIMENSIONS	298 mm x 104 mm x 149 mm
WEIGHT	1,1 kg (incl. battery pack)



3.5" colour display

Target laser for pinpointing

1/4" tripod adapter



ThermoXplorer Pro

including Sortimo® L-BOXX® 136

- + 2 Li-Ion battery packs with external charging station and internal adapter
- + USB cable
- + Video cable
- + QuickReporting-Software
- + 2 GB micro-SD card with adapter
- + 1/4" tripod connection

Packing dimension (W x H x D)
442 x 151 x 357 mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
ThermoXplorer Pro	082.081L	4 021563 688524	1

DISPLAY	3,5" colour TFT	ZOOM	2x	SENSOR/CAMERA	IR-SENSOR 160 x 120 pixel	640 x 480 pixel	Laser 635 nm	REC jpg	micro	USB	IP 54	1/4"	RECHARGE	L-BOXX
----------------	-----------------	-------------	----	----------------------	---------------------------	-----------------	---------------------	----------------	-------	-----	-------	------	-----------------	--------