

# Thermal Imaging camera | 875-2



The thermal imager 875 is a reliable, solid tool for daily use. With a temperature resolution of < 80 mK, exchangeable lenses and an integrated digital camera, you can trace pipes and identify areas of water damage, discover weak spots in buildings quickly and simply

160  
X  
120

## Features and Benefits

**Detector size 160 x 120 pixels** With 19,200 temperature measurement points, the measured objects are detected in high image quality, clearly and precisely.

NETD  
< 80 mK

**Thermal sensitivity < 80 mK** Thanks to an excellent temperature resolution of < 80 mK, (0.08°C), even small temperature differences are visible. is supplied with a wide angle field of view lens it can also be fitted with an optional telephoto lens



**Wide temperature range** of -20 to 280 °C.

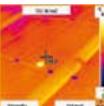
**Storage capacity is 2GB** – approximately 800 to 1000 images - on an SD memory card and all supported by powerful software with full reporting features.



**Integrated digital camera** Along with the thermal image, a real image of each measurement object may also be stored.



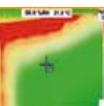
**Automatic Hot/Cold Spot Recognition** Critical temperature values are directly displayed using the automatic Hot-Cold-Spot recognition.



**Solar mode** For each measurement, the sun irradiation value can be entered into the camera. This value is stored for each thermal image.



**Special measurement mode for detecting areas with danger of mould** Using the externally measured ambient temperature and air humidity, as well as the surface temperature, the humidity value of each measurement point is calculated and shown in the display as a real humidity image.



**The imager is delivered** in a robust case incl. pro software, Soft Case, carrying strap, SD card, USB cable, mains unit, Li ion rechargeable battery and tripod adapter.



## Specification 875-2

- Detector size (in pixels): indicates the number of temperature measurement points (pixels) with which the thermal imager is equipped. The more pixels, the more detailed the objects are presented. 160 x 120
- Thermal sensitivity (NETD): Displays the smallest temperature difference which can be resolved by the thermal imager. The lower this value is, the smaller the temperature differences which can be measured. < 80 mK
- Lens 32° x 23°
- Temperature measuring range: Thermal range which can be recorded and measure the heat radiation of objects. -20 °C to +280 °C
- Image refresh rate: How frequently the thermal imager is refreshed per second. 9 Hz
- Focussing: allows the focus of the thermal image to be adjusted manual
- Integrated digital camera: As well as the thermal image, a real image of each measurement object is also stored. A faster and easier object inspection can be carried out due to the simultaneous display of thermal and real images Yes
- Solar mode: The value of the sun irradiation can be entered into the thermal imager. This value is stored with each thermal image and is then available for analysis in the evaluation software