

INSPECTION CAMERA

PCE-TC 32N



- » **Software for evaluating the recordings**
- » **Measuring range -20 ... +550 °C**
- » **Picture-in-picture function**
- » **eight different thermal image representations**
- » **video and photo recording**
- » **optionally with ISO calibration certificate**

The inspection camera has a measuring range of -20 ... +550 °C. This means that the inspection camera already covers a wide temperature range of measuring tasks. With an image frequency of 25 Hz, problems can be localised quickly with the inspection camera. The picture-in-picture function allows the real image to be displayed simultaneously with the thermal image. The app enables a clear display and operation of the inspection camera.

When connecting the inspection camera to a PC, there are two different functions that can be selected in advance in the settings. With the "PC Connection" setting, the inspection camera is recognised as a mass data storage device. This allows all image, video and measurement data to be copied directly from the inspection camera. With the "PC Camera" function, the inspection camera is recognised as a webcam by the PC. This has the advantage that the current image from the inspection camera can be played back on a PC during online meetings or training sessions, for example. In both cases, the inspection camera is independent of the operating system.

Specification

Temperature	
Measurement range up to	-20 ... +550 °C
Resolution	0,1 °C

Accuracy	±2 °C at an ambient temperature between 10 ... 35 °C and an object temperature >0 °C
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General technical data	
Display type	LCD
Display size	2,8 Inch
Display resolution	240 x 320 pixels
Storage medium	Micro SD card, Internal memory
Storage capacity	32 GB
Memory capacity (additional information)	Image recording: memory capacity >6000 images / video recording: memory capacity 8 GB on micro SD card, 3.4 GB internal memory
Interface	USB-C, Micro SD card, WiFi
Automatic power-off from...to	5 ... 30 min.
Wavelength range	7.5 ... 14 µm
Field of vision (FOV)	50 ° x 37 °
Colour palette	Iron, Rainbow, white-black (+inverted), Hot-cold, Feather, Brown, Blue red
Menu language	English
Power supply	Rechargeable battery: 3.7 V DC, 2600 mAh, 9.62 W USB: 5 V DC, 1 A
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion battery
Capacity	2600 mAh
Operating conditions	-15 ... 50 °C , 10 ... 90 % RH
Storage conditions	-40 ... 70 °C , 10 ... 90 % RH
Dimensions (L x W x H)	224 x 77 x 96 mm
Weight	423 g