

Thermal Imager Camera PCE-TC 24



Thermal Imager Camera PCE-TC 24

Infrared Video Thermometer / 33 x 33 Pixel / Picture-in-Picture Function/ Micro-SD-Memory / -20 ... 380 °C measuring range / USBinterface

The thermal camera PCE-TC 24 is a picture-in-picture thermal camera. This thermal camera measures the temperature between -20 and 380 °C without contact. The thermal camera is suitable for fast and simple temperature measurements in the house, switch cabinets etc. The infrared video thermometer quickly and easily locates thermal bridges or hot components. The illuminated LC display with a resolution of 240 x 320 pixels always shows the spot temperature in the upper left corner of the display. In addition, a hot and cold point can be displayed.

The IR thermal imaging camera has a resolution of 33 x 33 pixels, which is very well suited for simple measuring tasks. With the picture-in-picture function, the thermal image can be integrated into the recorded real image. This is done by pressing a button on the infrared video thermometer. The infrared video thermometer is equipped with a dimmable LED to illuminate the measuring point. For documentation and archiving, the IR thermometer has a memory function on a micro SD card, which can be transferred via USB.

- ▶ Resolution 33 x 33 Pixel
- ▶ Temperature range -20 ... 380 °C
- ▶ Picture-in-picture function
- ▶ Micro-SD card memory
- ▶ Adjustable emissivity
- ▶ Focal distance 0.5 m

Specifications

Measuring range	-20 ... 380 °C
Measuring accuracy (at 18 ... 28 °C)	> 0 °C: ± 2 % of measured value or ± 2 °C < 0 °C: ± 3 °C
Resolution	Thermal imaging: 33 x 33 Pixel Realimage: 300,000 Pixel
Field of view	32 x 32 °
Frame rate	9 Hz
Focus	0.5 m
Emissivity	0.1 ... 1
Thermal sensitivity	0.15 °C
Spectral range	8 ... 14 µm
Crossfade	Picture-in-Picture stepwise in 25% steps
Memory	Micro SD card up to 8 GB
Format	BMP
Interface	USB
Shutdown	automatic adjustable 3, 5, 20 minutes
Power supply	4 x 1.5 V AA batteries
Operating conditions	-5 ... 40 °C / 10 ... 80 % r.H.
Storage conditions	-20 ... 55 °C
Dimensions	195 x 100 x 55 mm
Weight	ca. 295 g

More information

Manual



More product info



Similar products



Subject to change