



Product data sheet

Power tools for trade & industry

Thermo Camera

GTC 12V-450-13



Compact thermal camera for fast and easy visualisation of temperature differences

The most important data

Measurement range	-20 °C to +450 °C
Measuring accuracy of IR	± 2 °C (center point)
Resolution	0.1 °C

Order number 0 601 083 901

Technical data

Additional data

Battery voltage	12.0 V
Measurement range	-20 °C to +450 °C
Measuring accuracy of IR	± 2 °C (center point)
Measuring application	Thermal image
Data transfer	USB-C®
Thermal sensitivity (NETD)	<=50 mK
Size of IR sensor	256 Pixel x 192 Pixel
Resolution	0.1 °C
Laser diode	Laserclass 2, 645-660 nm
Number of measuring points	49,152
Field of view (FOV)	56° x 42°
Power supply and runtime	4 x 1.5 V LR6 (AA) 4 hours, 1 x GBA 12V 8 hours
Frame buffer (number of images)	500
Memory type	Internal memory
File format of image	.jpg
Shock protection	2 m
Dust and splash protection	IP54 (except for the battery or battery adapter)
Weight	0.35 kg
Size of display	2,8"

Operating temperature	-10 – 50 °C
Storage temperature	-20 – 50 °C
Focus distance, minimum	0.5 m
Thermal image refresh rate	9 Hz

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Advantages:

- Visualise temperature differences in high image quality with just one click
- Quick startup, integrated laser, worklight and visual camera to ensure easy use
- Robust, compact design with IP54 rating and impact resistance from falls up to 2m

