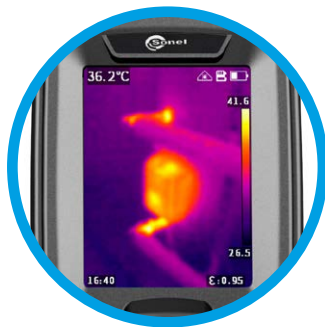


Sonel® 康高特-SONEL **KT-256F / 256 / 128** Thermal Imager

index: WMGBKT256F / WMGBKT256 / WMGBKT128



2.4" display

Clear temperature reading



Large buttons

Conveniently located for flawless control



KT-128 • KT-256

Trigger

Temperature measurement with a single press



KT-256F

Autofocus trigger

Sharp image with a single press

Trigger

Temperature measurement with a single press

Feel safe with thermography

Simple thermography

KT-128 / 256 / 256F is a special camera. Economical, practical and handy, it is a powerful tool in everyday work. The camera is used for basic diagnostics. It is equipped with a matrix having a resolution of:

- » **KT-128** | 120 x 90 pixels,
- » **KT-256 • KT-256F** | 256 x 192 pixels,

supported by visual camera, laser pointer and additional features to fully meet the needs of users.

KT-256F | Autofocus

KT-256F is equipped with an automatic focus which ensures that your IR measurement pictures will always be sharp and crisp, no matter the distance.

Application

KT-128 / 256 / 256F is used always when the temperature of objects is important and may affect the operation of the equipment. Particularly useful in:

- power engineering (including PV installations),
- construction sector,
- industry
- HVAC.



Features

- measuring range:
 - » **KT-128** | -20°C...400°C (-4°F... 752°F)
 - » **KT-256 • KT-256F** | -20°C...550°C (-4°F... 1022°F)
- quick start
- fast temperature measurement
- automatic signalling of exceeded alarm threshold
- **KT-256F** | autofocus
- saving IR images to SD card
- built-in Li-Ion battery with:
 - » **KT-128** | 5-hour working time
 - » **KT-256 • KT-256F** | 16-hour working time
- interfaces: USB type C, SD slot
- can be set up on a tripod

Specifications

	KT-128	KT-256	KT-256F
Detector resolution	120 x 90 / 17 μm VOx	256 x 192 / 12 μm VOx	
Detector	7.5~14 μm		
Frame rate	25 Hz		
Sensitivity	60 mK	45 mK	
Focus	Fixed		Auto
Lens (field of vision / focal distance)	50° x 38°/2.28 mm	56° x 48°/3.2 mm	25° x 19°/7 mm
Spatial resolution (IFOV)	7.6 mrad	3.75 mrad	1.71 mrad
Display	2.4", 240 x 320, LCD		2.4" 240 x 320 px LCD
Image mode	IR / Visual / PiP	IR / Visual / Infrafusion MIF / PiP	
Temperature range	Range 1: -20°C...+150°C -4°F...+302°F	Range 1: -20°C...+150°C -4°F...+302°F	
	Range 2: 100°C...+400°C 212°F...752°F	Range 2: 100°C...+550°C 212°F...1022°F	
Accuracy	±2°C ±4°F or ±2% of reading (for ambient temperature 15°C...30°C, object temp. ≥0°C)		
Image analysis mode	Point. 3 areas. Temperature indication: min, max. Temp. alarm		
Palettes	6		
Emissivity	Selectable from 0.01 to 1.00 or from the list		
Measurement adjustment	Adjustable distance, ambient temperature (reflected)		
Image file format	JPG		
Built-in features	Visual camera 2 MPix, LED flashlight, laser pointer		
Interfaces	microSD card slot (max. 32 GB), USB type C, tripod		
Power supply	Li-Ion battery (operating time >5 hours), built-in charger (charging time <2.5 hour), AC adapter 110-230 V, 50/60 Hz	Li-Ion battery (operating time >16 hours), built-in charger (charging time <2.5 hour), AC adapter 110-230 V, 50/60 Hz	
Operating temperature	-10°C...+50°C 14°F...122°F		-15°C...+50°C 5°F...122°F
Storage temperature	-40°C...+70°C -40°F...+158°F		
Housing	IP54		
Weight	ca. 0.35 kg 0.77 lbs		ca. 0.38 kg 0.84 lbs

Standard accessories

	KT-128	KT-256	KT-256F
USB charger WAZASZ20	✓	✓	✓
Type C USB cable WAPRZUSBC	✓	✓	✓
16 GB microSD card WAPMZSD16	✓	✓	
32 GB microSD card WAPMZSD32			✓
Wristband WAPMZPAS1	✓	✓	✓
Declaration of verification	✓	✓	✓

Optional accessories

S-1 carrying case WAFUTS1
Calibration certificate with accreditation

