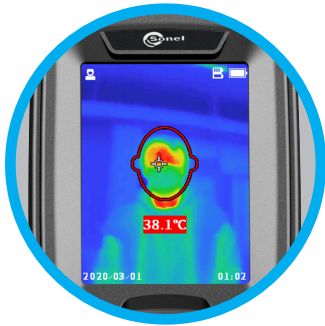# Sonel®

Thermal Imager
KT-120M

index: WMGBKT120M

IP54

2.4" display
Clear temperature reading

Large buttons
Conveniently located
for flawless control

Trigger
Temperature measurement
with a single press

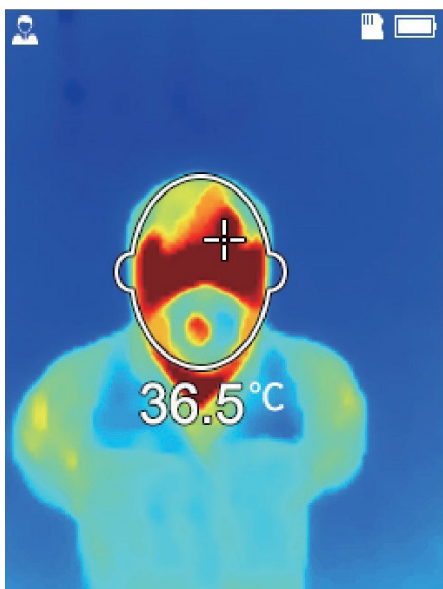# Feel safe with thermography

Simple thermography

KT-120M is a special camera. Economical, practical and handy, it is a powerful tool in preventing or limiting epidemics.

The user can measure the temperature with **0.5°C** accuracy. An alarm will sound if the threshold value is exceeded. All this in order to quickly and efficiently detect people with fever - e.g. infected with a virus giving such symptoms.

Application

KT-120M is used wherever many people need to be tested for body temperature. Particularly useful in:

- factories,
- schools,
- shopping malls,
- office buildings.

Features

- measuring range 20°C...50°C
- accuracy up to ±0.5°C
- fast temperature measurement
- automatic signalling of fever detection
- saving IR images to SD card or directly to a PC
- built-in Li-Ion battery with 8-hour working time
- interfaces: microUSB 2.0 type C, SD slot
- can be set up on a tripod

Specifications

Detector resolution	120 x 90 / 17 µm
Detector	7.5~14 µm
Frame rate	25 Hz
Sensitivity	60 mK
Lens (field of vision / focal distance)	50° x 38°/2.28 mm
Spatial resolution (IFOV)	7.6 mrad
Display	2.4", 240 x 320, LCD
Image mode	IR
Temperature range	20°C...50°C
Accuracy	≤0.5°C (ambient temperature 25°C, target distance 1 m, target temperature 32°C...42°C)
Image analysis mode	Temperature indication, temperature alarm (color and sound)
Measurement point	Central
Image file format	JPG
Interfaces	microSD card slot (max. 32 GB), microUSB 2.0 type C, tripod
Memory	SD card (max. 32 GB)
Power supply	Li-Ion battery (operating time >8 hours), built-in charger (charging time <2.5 hour), AC adapter 110-230 V, 50/60 Hz
Operating temperature	-10°C...+50°C
Storage temperature	-40°C...+70°C
Housing	IP54
Weight	ca. 0.35 kg

Standard accessories

USB charger	WAZASZ20
Type C microUSB cable	WAPRZUSBC
16 GB microSD card	WAPOZSD1
Wristband	WAPOZPAS1