



# Thermal Imager KT-120M

index: WMGBKT120M



### 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

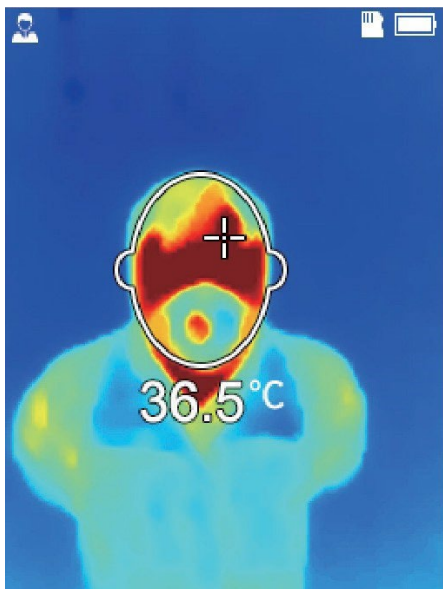
KT-120M is a special camera. Economical, practical and handy, it is a powerful tool in preventing or limiting epidemics.

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  $\pm 0.5^\circ\text{C}$
- 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

<b>Detector resolution</b>	120 x 90 / 17 $\mu\text{m}$
<b>Detector</b>	7.5~14 $\mu\text{m}$
<b>Frame rate</b>	25 Hz
<b>Sensitivity</b>	60 mK
<b>Lens (field of vision / focal distance)</b>	50° x 38°/2.28 mm
<b>Spatial resolution (IFOV)</b>	7.6 mrad
<b>Display</b>	2.4", 240 x 320, LCD
<b>Image mode</b>	IR
<b>Temperature range</b>	20°C...50°C
<b>Accuracy</b>	$\leq 0.5^\circ\text{C}$ (ambient temperature 25°C, target distance 1 m, target temperature 32°C...42°C)
<b>Image analysis mode</b>	Temperature indication, temperature alarm (color and sound)
<b>Emissivity</b>	Adjustable from 0.01 to 1.00 or from the list of materials
<b>Measurement point</b>	Central
<b>Image file format</b>	JPG
<b>Interfaces</b>	microSD card slot (max. 32 GB), microUSB 2.0 type C, tripod
<b>Memory</b>	SD card (max. 32 GB)
<b>Power supply</b>	Li-Ion battery (operating time >8 hours), built-in charger (charging time <2.5 hour), AC adapter 110-230 V, 50/60 Hz
<b>Operating temperature</b>	-10°C...+50°C
<b>Storage temperature</b>	-40°C...+70°C
<b>Housing</b>	IP54
<b>Weight</b>	ca. 0.35 kg

## Standard accessories

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