



Habotest HT820 industrial infrared thermal imaging camera



Model: HT820

Manufacturer: HABOTEST

EAN: 5907085524412

Product Code: 806872

R6,817

Habotest HT820 industrial infrared thermal imaging camera

The Habotest HT820 industrial infrared thermal imaging camera will transform your smartphone into an advanced diagnostic tool. Thanks to its high-resolution sensor and wide temperature measurement range (from -15°C to 600°C), the device enables precise real-time thermal imaging. Its compact design, intuitive operation, and features such as high and low temperature tracking, point, linear and area measurement, and threshold exceedance alarm make it ideal for industry, construction, automotive and technical diagnostics.

Advanced sensor and wide measurement range

With a resolution of 256×192 pixels and a frame rate of 25 Hz, the camera offers smooth and detailed thermal imaging. High measurement precision ($\pm 2^{\circ}\text{C}$ or $\pm 2\%$ of the reading value) allows

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reliable monitoring of temperature changes in a variety of working environments. An advanced thermal sensor with a sensitivity of 50mK @25°C enables detection of even minimal temperature differences, which is crucial for precise thermal analysis.

Intelligent temperature tracking features

The Habotest HT820 camera automatically detects and tracks the highest and lowest temperature areas, facilitating quick diagnostics. You can also define your own measurement points and use an audible alarm to alert you when a set limit is exceeded.

Convenient connection to your smartphone

The device works with Android, connecting directly through the USB-C port. Thanks to a dedicated app, you will gain access to various display modes and the ability to record and analyze measurements in the form of photos and videos. In addition, the app allows you to customize temperature units, edit images by adding drawings and text notes, and configure thermal alarms. A Polish-language interface makes the camera easy to use.

Durable design

The aluminum housing provides durability and resistance to damage. Despite its sturdy construction, the camera weighs only 17g. Its dimensions are 43 x 36 x 18 mm - so it is extremely handy and will fit in a pocket, making it a great solution for those working in the field. The IP54 standard guarantees protection against dust and splashes, so the device will perform well even in demanding working conditions.

Versatile application

Habotest HT820 is an indispensable tool for building diagnostics, industrial quality control, machine monitoring and automotive diagnostics. With a choice of 6 color palettes and a variety of measurement modes, it is ideal for professionals looking for a precise and mobile thermal analysis device.

Included:

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- Habotest HT820 industrial infrared thermal imaging camera
- USB-C/USB-C cable
- Storage case
- User manual

Manufacturer	Habotest
Manufacturer code	HT820
Resolution	256x192
Working wavelength	8-14 μm
Refresh rate	25Hz
NETD	50mK @25 °C
Focal length of the lens	3.2mm
Field of view	56° x 42°
Temperature measurement	Automatic high and low temperature tracking, center point temperature measurement, point temperature measurement, area temperature measurement, line temperature measurement, temperature range viewing and quick check of high temperature areas
Temperature measurement range	From -15°C to 600°C
Accuracy of temperature measurement	±2°C or ±2% of reading
Temperature range display	yes
Settings	Configuration of thermal imaging parameters, temperature units, language, high temperature alarm settings.
Real-time image rotation	yes

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Image color palettes	White Hot, Black Hot, Iron Red, Rainbow, Red Hot, Cold Blue
Operating temperature	-10°C to 75°C
Storage temperature	-45°C to 85°C
Waterproof and dustproof	IP54
Housing material	aluminum alloy
Dimensions	43 x 36 x 18 mm
Weight	17 g
Color	black

Pobierz instrukcję: <https://files.innpro.pl/Habotest/5907085524412>, GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 180, Net weight: 17, Box length: 11,00, Box width: 8,50, Box height: 6,00, Information about data generation: <https://dataact.innpro.pl/habotest/5907085524412>, PPWR: <https://ppwr.innpro.pl/habotest>

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