

Mileseey TR256A Thermal Imaging Camera



Model: TR256A

Manufacturer: MILESEY

EAN: 6971915322140

Product Code: 1088712

R8,508

Mileseey TR256A Thermal Imaging Camera

The Mileseey TR256A thermal imaging camera is designed for users who demand maximum accuracy and reliability in all conditions. Equipped with a high-resolution 256 × 192-pixel sensor, it offers a clear thermal image and a wide field of view of 56 × 42°, allowing for quick identification of issues in installations and equipment. A wide temperature measurement range from -20°C to 550°C makes it suitable for both everyday applications and demanding industrial environments. Features such as temperature alarms, hot and cold spot detection, and 6 color palettes enhance data readability and improve user comfort. The entire unit is housed in a durable IP65-rated enclosure, ready for use in harsh conditions.

High resolution - more detail, faster diagnosis

At the heart of the device is an advanced thermal sensor with a resolution of 256 × 192 pixels (49,152 measurement points), which provides an extremely detailed image. This allows the camera

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to accurately pinpoint the sources of problems (from overheating components to insulation leaks). Clear thermal images translate into faster service decisions and more effective corrective actions.

Wide Temperature Range

The Mileseey TR256A supports an impressive temperature measurement range from -20°C to 550°C, making it an extremely versatile tool. It performs well both during inspections of installations in low temperatures and when diagnosing equipment operating in high heat. Such a wide range allows for precise temperature monitoring in virtually any situation—from routine inspections to advanced technical applications.

Intelligent detection of critical points

The device automatically tracks the hottest and coldest points in the analyzed area, enabling instant detection of anomalies. The ability to lock minimum and maximum temperature values and set custom alarm thresholds allows you to tailor the camera's operation to specific working conditions. This solution significantly increases diagnostic effectiveness and minimizes the risk of overlooking critical temperature changes.

Precise analysis thanks to emissivity adjustment

The Mileseey TR256A allows for emissivity adjustment, enabling precise adaptation of measurement parameters to various surfaces. As a result, the camera delivers more reliable results regardless of the material type—from metal to plastics. This is particularly important when working in diverse environments where the thermal properties of objects can vary significantly.

6 Color Palettes

Six high-quality color palettes are available: Rainbow, White Hot, Iron, Arctic, Lava, and Medical. Each offers a different representation of temperature distribution, facilitating data analysis based on conditions and task specifics. The ability to select the appropriate visualization mode leads to better interpretation of results and greater ease of use.

See more in a single frame

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Thanks to a wide field of view of 56 × 42°, the camera covers a larger area without the need to change position. This is particularly useful when inspecting large surfaces, such as walls, installations, or industrial systems. A wider field of view means faster work and greater efficiency in the field. Additionally, the IP65-rated housing ensures resistance to dust, moisture, and other external factors. As a result, the Mileseey TR256A maintains full functionality even in demanding work environments.

Versatile application

The camera is ideal for building inspections, enabling the detection of insulation gaps, air leaks, or moisture damage. It also excels in diagnosing HVAC systems and during inspections of electrical and mechanical installations. It is a tool that significantly streamlines the work of specialists and allows for a faster response to potential failures.

Included

- Thermal imaging camera
- Storage case
- Carrying strap
- Charging cable
- User manual

Manufacturer	Mileseey
Model	TR256A
Thermal resolution	256 × 192 (49,152 pixels)
Screen resolution	640 × 480
Temperature range	from -20°C to 550°C
Field of view	56° × 42°
Accuracy	± 3°C
Refresh rate	20 Hz
Thermal sensitivity	≤ 50 mK

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Pixel size 12 µm

Measurable distance range 0.3 m to 3 m

Color palettes 6 color palettes

Battery 5000 mAh lithium battery

Memory External 8 GB MicroSD card

IP rating IP65

Weight 540 g

Dimensions 238 × 95 × 85 mm

Gross weight: 980, Net weight: 410, Box length: 27,00, Box width: 12,50, Box height: 11,50, GPSR

Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Information about data

generation: <https://dataact.innpro.pl/Mileseey/6971915321860>

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