

Code: TPC-M60-B25-Y

HANDHELD THERMAL MONOCULAR CAMERA **TPC-M60-B25-Y** 25 mm DAHUA

Thermal Monocular Camera is a handheld thermal imaging camera, intended primarily for the observation of animals in their natural environments, as well as a supporting device in rescue, physical protection and hunting.

The great advantage of the thermal monocular camera is the built-in fire detection mode, which allows you to instantly locate the initial stage of a fire. Thanks to the use of a high-performance processor, the thermal monocular camera also allows you to measure the distance from the observed object (rangefinder function) using intelligent video analysis. The use of the Wi-Fi module allows for integration with the mobile application, which significantly affects the comfort of use. The device uses a built-in Li-Ion battery, which guarantees operation up to 9 hours on a single charge.



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| Sensor: | Uncooled VOx microbolometer |
| Matrix size: | 640 x 512 px |
| Pixel pitch: | 12 µm |
| Display: | 0.4 " LCOS, 1280 x 960 px |
| Thermal sensitivity (NETD): | ≤ 50 mK @ F1.0 |
| Spectral range: | 8 µm ... 14 µm |
| Color palettes: | 4 |
| Lens: | 25 mm |
| View angle: | 18 ° |
| Video output: | CVBS |
| Memory card slot: | Micro SD memory cards up to 256GB support (possible local recording) |
| Image compression method: | H.265 |
| Network interface: | Wi-Fi |
| Mobile phones support: | <ul style="list-style-type: none"> • Android: Free application DH Thermal • iOS (iPhone): Free application DH Thermal |
| DRI Detection Distance: | <ul style="list-style-type: none"> • Vehicle / human detection : 2777 m / 1041 m • Vehicle / human recognition : 694 m / 267 m • Vehicle / human identification : 347 m / 133 m |

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| Main features: | <ul style="list-style-type: none"> • Built-in fire detection mode, • Measure the distance from an object - rangefinder function - determining the approximate distance to the observed object based on intelligent image analysis, • Track the hottest or coldest spots in an image, • Built-in laser pointer, • Possibility to connect to an external monitor via the CVBS port - MMCX-J plug, • 4 color palettes: IRON RED - mode for long-term observations, especially at night; RAINBOW - quick target identification thanks to a wide range of colors; WHITE HOT - for observing active, moving objects; ALARM - instant detection of high temperature areas, e.g. fire • Hotspot Wi-Fi • The ability to take photos, video recordings and configure parameters using a mobile application and a mobile phone, • micro USB connector (battery charging) • D-ZOOM - Digital Zoom : 2x, 3x, 4x |
| Battery operation time: | ≤ 9 h |
| Typical battery charge time: | < 3 h |
| Power supply: | <ul style="list-style-type: none"> • Li-Ion battery, • 5 V DC / 450 mA (power adapter included) |
| Power consumption: | < 2.2 W |
| Housing: | Compact - Plastic + Rubber |
| Color: | Beige + Green |
| Operation temp: | -20 °C ... 55 °C |
| "Index of Protection": | IP67 |
| Weight: | 0.45 kg |
| Dimensions: | 193.4 x 66.4 x 68.7 mm |
| Supported languages: | English |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | 3 years |