

# **THERMAL MASTER T2Max Thermal Imaging Camera**



Model: TM-T2Max

Manufacturer: THERMAL MASTER

EAN: 6977658980531

Product Code: 1180705

## **R7,818**

### **THERMAL MASTER T2Max Thermal Imaging Camera**

The THERMAL MASTER T2Max opens up entirely new possibilities for observing nature after dark, allowing you to spot animals, birds, and details invisible to the naked eye. An advanced thermal sensor, an extremely sensitive detector, and professional observation modes ensure impressive image quality whether you're birdwatching or on nighttime field trips. Its compact design means you can easily pack the camera into your backpack, and its recording and instant-sharing features let you capture your most interesting observations in just a few seconds. This advanced tool is designed for nature enthusiasts, hunters, photographers, and anyone who wants to see the world in a whole new way.

### **Designed for wildlife observation**

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The T2Max was specifically designed for observing birds and animals in their natural habitats. Thanks to thermal imaging technology, the camera detects heat sources, allowing you to easily locate subjects even in total darkness, dense vegetation, or during challenging weather conditions. It's the perfect solution for those who want to observe animal activity at dawn, after dark, or in winter, when thermal contrast is particularly pronounced. The device also works perfectly for tracking game and searching for wounded animals.

## **Detailed Image Thanks to High Resolution**

The camera uses an advanced X<sup>3</sup> IR imaging system with a resolution of 512 × 384 pixels, which provides an exceptionally clear and detailed thermal image. This high quality allows you to detect subtle temperature differences and precisely identify the observed object from a great distance. During building inspections, the camera allows you to identify details even from a distance of approximately 55 yards—over 50 meters. In wildlife applications, this translates to the ability to accurately track animals and recognize distinctive silhouette features.

## **Long-Distance Night Vision**

The THERMAL MASTER T2Max offers an impressive detection range of up to 1,640 yards, or approximately 1,500 meters. This allows you to detect animals and birds at a considerable distance before they become visible to the naked eye or through standard binoculars. The camera also allows for detailed comparisons of objects, such as a house finch observed from a distance of 42 yards. This is a huge advantage when monitoring open terrain, marshes, lakes, or vast forested areas.

## **Professional Mode for Birdwatchers**

The special SUPER BIRD 4.0 mode was developed with discerning birdwatching enthusiasts in mind. Algorithms optimize contrast and image presentation, making it easier to spot birds against the backdrop of trees, the sky, or a sun-drenched environment. This makes it much easier to identify the silhouettes and behaviors of birds, regardless of the season or terrain conditions. HD Mode, known as Eagle Eye, allows for clear capture of birds' feathers and other distinctive features, which is particularly useful in winter when animals stand out more thermally against the cool surroundings. HD Light Mode, known as Red Eye, is ideal for summer, when heated elements of the landscape make it difficult to locate a target.

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## Groundbreaking dual image processor and 15 mK sensitivity

The T2Max is the first camera equipped with a dual image processor, which enables faster data processing and an even more detailed thermal image. Thermal sensitivity of 15 millikelvins (mK) allows for the detection of minimal temperature differences, enabling the camera to excel at identifying even barely visible objects. In practice, this means clearer contours, better contrast, and greater confidence during observation. The device also offers 15x digital zoom, enabling detailed analysis of objects located far from the observer.

## 15 mm f/0.8 Focus-Adjustable Lens

The bright 15 mm f/0.8 lens effectively captures thermal radiation, ensuring high image quality even in challenging conditions. Manual focus adjustment allows you to precisely tailor the settings to the distance and nature of the observed object. As a result, the camera performs well both when tracking animals from a long distance and when analyzing details more closely at shorter ranges. A 50-hertz (Hz) refresh rate ensures a smooth display, and the Hot Spot Tracking feature automatically highlights the hottest point in the frame, helping you quickly locate a hidden target.

|                              |                |
|------------------------------|----------------|
| Manufacturer                 | THERMAL MASTER |
| Model                        | T2Max          |
| X <sup>3</sup> IR Resolution | 512 x 384      |
| Pixel Pitch                  | 12 µm          |
| Wavelength Range             | 8–14 µm        |
| Focal Length                 | 15 mm          |
| Vari-focal Lens              | Yes            |
| Zoom                         | 15x            |
| Frame Rate                   | 50 Hz          |
| Insight+ Technology          | Yes            |
| Hotspot Tracking             | Yes            |

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|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| <b>Focus-Adjustable Lens</b>     | Yes                                              |
| <b>NETD</b>                      | 15 mK                                            |
| <b>Super Bird Mode</b>           | 4.0                                              |
| <b>AI{Det}</b>                   | Yes                                              |
| <b>RazorX Image Algorithm</b>    | Yes                                              |
| <b>Dual-Image Mode</b>           | Yes                                              |
| <b>Reticle</b>                   | 9 shapes + 5 colors with quick-change capability |
| <b>Operating Temperature</b>     | -20°C-60°C                                       |
| <b>Storage temperature</b>       | -40°C-85°C                                       |
| <b>Typical power consumption</b> | 280 mW                                           |
| <b>Processor</b>                 | In-house developed dual-core ASIC                |
| <b>Dimensions</b>                | 26.2 x 26.2 x 40 (mm)                            |
| <b>Color</b>                     | Gray                                             |
| <b>Weight</b>                    | 50 g                                             |
| <b>Interface</b>                 | USB Type-C                                       |

**Supported operating systems** iOS, Android

Net weight: 339, Box length: 12,50, Box width: 10,50, Box height: 6,00, Gross weight: 340, GPSR

Link: [https://psr-assets.innpro.pl/tools/sg\\_tools\\_other.pdf](https://psr-assets.innpro.pl/tools/sg_tools_other.pdf), Information about data generation:

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