

THERMAL MASTER X3 Thermal Imaging Camera



Model: TM-X3

Manufacturer: THERMAL MASTER

EAN: 6977658980050

Product Code: 1180707

R12,224

THERMAL MASTER X3 Thermal Imaging Camera

Hunting and surveillance after dark require equipment that provides excellent visibility regardless of weather and environmental conditions. The THERMAL MASTER X3 combines advanced thermal imaging technology with a high refresh rate of 60 Hz, a 15 mm adjustable lens, and 15x zoom, delivering an exceptionally detailed and smooth image. Two image processors enhance clarity by up to 30%, and special operating modes (including Pro Compound Bow and Rain & Fog) allow you to effectively track game in all conditions. The short eye relief design improves ergonomics by as much as 270%, and extensive customization options allow you to tailor the device perfectly to your own hunting style. It's a versatile tool for those who demand maximum precision, reliability, and complete control over the situation in the field.

An image that lets you see more

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At the heart of the device is an advanced thermal imaging system that generates a clear image with a resolution of 384 × 288 pixels. Thanks to the use of two image processors, the THERMAL MASTER X3 offers up to 30% greater detail and better contrast compared to traditional models. Subtle temperature differences are rendered with impressive accuracy, making it easier to detect animals hidden in thickets, tall grass, or dense forests. The image remains clear and natural, allowing you to identify your target faster and make more confident decisions. The high refresh rate of 60 Hz ensures a smooth view of movement, and the 15x zoom allows you to zoom in precisely on distant objects without losing important details. The adjustable 15-mm focal length lens allows you to flexibly adjust settings to current conditions and the nature of your observation.

Detection range up to 1,500 meters

The THERMAL MASTER X3 is designed for effective operation at long ranges. The device can detect deer from up to 912 yards (approximately 834 meters), wild boars from 774 yards (approximately 708 meters), coyotes from 456 yards (approximately 417 meters), and pigeons from 151 yards (approximately 138 meters). The maximum observation range reaches as far as 1,500 meters, which provides a significant advantage during night hunts and when monitoring vast areas. Additionally, the built-in rangefinder dynamically determines the distance to the target up to 656 yards (approximately 600 meters). Accuracy down to 0.1 yard provides highly precise data, which is particularly useful during hunts that require perfect distance estimation.

Modes Tailored to Your Needs

The special Pro Compound Bow Mode was developed with compound bow users in mind. The optimized image and ergonomic design make it easier to observe and aim at your target, ensuring greater comfort during archery hunts. The THERMAL MASTER X3 is also equipped with a Rain & Fog mode, which improves image clarity in adverse weather conditions. The device also offers four optimized operating profiles: Plain, Jungle, Bird Watching, and City. Each of these adjusts the image parameters to a specific environment, helping you achieve the best contrast and detail. You also have two display modes at your disposal (HD and Highlight), which allow you to highlight the most important elements of the image and locate objects with elevated temperatures even more easily.

User Comfort and Customization

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The short eye relief design significantly improves the device’s ergonomics. Usability increases by as much as 270%, which translates to faster target acquisition and more comfortable observation over longer periods. The X3 model also offers extensive configuration options within the 20-in-1 Tactical DIY system. You can customize the device to your preferences using five adjustable settings, including coordinate memory, adjustment status, position setting, magnification adjustment, and a fine-tuning knob. Such a comprehensive customization system allows you to configure every detail of the device’s operation according to your individual needs.

Manufacturer	THERMAL MASTER
Model	X3
Resolution	384 x 288
Pixel pitch	12 μm
NETD	40 mK at 25°C, F#1.0
Operating band	8–14 μm
Refresh Rate	60 Hz
Operating Temperature	-20°C–60°C
Storage Temperature	-40°C–85°C
Typical power consumption	480 mW
Processor	In-house ASIC
Focal length	15 mm
Aperture	F1.0
Field of view	17.25° x 13.04°
Focusing	Manual focus
Measurement range	0–100°C
Temperature compensation	Distance, ambient temperature, and emissivity
Dimensions	26.2 x 26.2 x 31.5 (mm)
Color	Gray
Weight	30 g

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Interface

USB Type-C

Mobile app

Thermal Master

Supported operating system Android

Net weight: 1050, Box length: 24,50, Box width: 20,50, Box height: 9,50, Gross weight: 1070, GPSR

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

https://dataact.innpro.pl/THERMAL_MASTER/6977658980050

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