



## Thermal Imager Rifle Scope

### Product Specification

#### Description

The OLED display with a resolution of 1024x768 pixels delivers crisp and vibrant thermal images, complemented by customizable cross-line styles and colors for enhanced visualization. With scene modes tailored for different environments such as city, rainforest, and jungle, and image modes including white hot, black hot, and red hot, this device offers versatility for various applications

For capturing thermal images and videos, it supports photo resolution of 2592x1944 pixels and video resolution of 1024x768 pixels. With TF card storage expandable up to 128GB, users can store ample amounts of data for later analysis. Lastly, its impressive range of 1200 meters ensures reliable performance even over long distances.

This uncooled vanadium oxide thermal imaging device offers high-resolution imagery with a resolution of 384x288 pixels and exceptional heat sensitivity of  $\leq 35\text{mk}$  ( $0.035^\circ\text{C}$ ). With a frame frequency of 50 fps,

- **Model:** TIRS-1200
- **Type:** Uncooled Vanadium Oxide
- **Resolution (Px):** 384x288
- **Image Dimension (Um):** 12x12
- **Heat Sensitivity:**  $\leq 35\text{mk}$  ( $0.035^\circ\text{C}$ )
- **Frame Frequency (Fps):** 50
- **Human Distance (M):** 1400
- **Probe Vehicle Distance (M):** 2600
- **Objective Lens (Mm):** 35
- **Optical Magnification Ratio (X):** 3.7
- **Digital Magnification Ratio (X):** 2/4/8
- **Field Of View Angle (Hxv):** Horizontal:  $7.5^\circ$
- **Perpendicular:**  $5.6^\circ$
- **Diagonal:**  $9.4^\circ$
- **Outil Distance:** 35
- **Diopter Tuning (D):** -5D to +5D
- **Type:** OLED (Sony)
- **Resolution (Px):** 1024x768
- **Cross Line Style:** 6
- **Cross Line Color:** Red / White / Yellow / Green
- **Scene Mode:** City / Rainforest / Jungle
- **Image Mode:** White /Black Hot/Red Hot
- **Video Resolution (Px):** 1024x768
- **Storage Space (GB):** TF Card (128 GB, Max)
- **Range in meter:** 1200



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