

IRTM75 Thermal Monocular with 384 x 288 Resolution

One-hand operation at night or in dimly lit areas

Key Features

High-Resolution Thermal Imaging

384 x 288 (110,592 pixels) with ≤ 30 mk Thermal Sensitivity (NETD).

Electronic View Finder (EVF)

1.44" (36.6mm) screen with focus ring and 640 x 480 resolution.

Digital Zoom

Offers 1X, 2X, 4X, and 8X zoom options.

Built-in Laser Pointer

For precise targeting.

Multilingual Menu

Easy-to-use interface in 12 languages: English, Italian, French, Spanish, German, Dutch, Polish, Russian, Japanese, Korean, Simplified Chinese, and Traditional Chinese.

On-Screen Picture Gallery

Built-in real-time clock and calendar.

On-Screen Gallery

View captured images directly on the device.

Battery Conservation

Automatic power shutdown (with the option to disable).

Connectivity Options

Transfer videos (mp4) and images (jpg) or stream live via USB interface or WiFi (Android OS only).

Tripod Mount

Ensures stable and hands-free operation.

Durable Design

Withstands a 2m (6.5 ft) drop test.



Applications

Search and Rescue Operations

Detect heat signatures and help find missing persons, especially in low visibility or dark environments.

Security Services

Used for perimeter surveillance even in complete darkness or through obstacles like smoke or fog.

Wildlife Observation

Enables monitoring of animals in the wild without disturbing them, as thermal cameras detect heat rather than visible light.

Outdoor Activities

Useful hunting, fishing, or navigation, by identifying heat sources in all conditions, including night or poor weather.

Users

- Search and rescue operations
- Security Services
- Wildlife observation
- Hikers, campers and other outdoorsmen

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Up to 875 yds (800m) detection range, and 547 yds (500m) recognition range



400 Yards



200 Yards



50 Yards

Specifications

Detection Range	875 yds (800m)
Recognition Range	547 yds (500m)
Temperature Range	-40 to 248°F (-40 to 120°C)
IR Resolution	384 x 288 (110,592 pixels)
Thermal Sensitivity/NETD	≤30mk
FOV	14.9° x 11.2°, f=25mm
Minimum Focus Distance	6.6ft (2m) Manual Focus
Image Frequency	50Hz
Lens	19mm
Digital Zoom	1X, 2X, 4X
Spectral Response	8-14μm
Screen Size	0.39" (10mm) OLED
Display Resolution	1024 x 768 pixels
Color Display Palettes	Black Hot, White Hot, Red Hot, Iron, Bird Watch
Video/Image Storage	(Built-in 32G) MP4/JPG
Image Gallery	Yes
Video Output	USB-C
PC Interface	USB, Wifi (Android & iOS)
Power	Rechargeable Lithium Ion
Dimensions / Weight	8.4 x 2.5 x 2.1" (213.4 x 63 x 53.5mm) / 14.8oz (420g)

Ordering Information:

IRTM75 Thermal Monocular

What's in the Box?

Rechargeable Lithium Ion battery (installed)
power adapter/charger
non-slip strap
USB cable
black neck sling
Carrying case

*Not for Export

