

Overwhelming for the wild.

Eye II Series Outdoor Thermal Monocular

Wants Global Distributors



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**Meet Eye II Series V2.0**

With 12 $\mu$ m detector, lower power consumption and multifunctional operations enhance and record the excellent moment of your outdoor activities. Lighter and longer.

- **Pocket-Sized Thermal Vision Monocular**

The InfiRay EYE II series is a pocket-sized thermal vision monocular for exploring the outdoors—at night and in lowlight conditions. EYE II reveals your surroundings and helps you see people, objects and animals over one thousand meters away. Simple to use, with still image and video recording, EYE II is the perfect companion, whether in the back country or your own backyard.



- **High Image Quality**

The EyeII series are embedded with IRay independently developed high performance Vox detector which allows you to get high detailed thermal images, it will be much simpler to search targets in darkness. There are two kinds of detector resolutions for options: 384\*288 & 640\*512. The EyeII series has excellent performance in critical temperature range.

- **12 $\mu$ m Ceramic Detector**

The V2.0 series is equipped with new ceramic encapsulated detector, which are lighter, lower power consumption and last longer.



- **HD Micro Display**

1280×960 high resolution display that offers crisp image and vivid colors.

- **Long Detection Range**

Depending on model, the V2.0 series is capable of detecting an average human-size target, dressed in outerwear, at a range up to 2600m in complete darkness.



- **Standby Function**

When it is necessary to temporarily stop observation the user can apply standby function. It provides the necessary level of camouflage (no light from the eyepiece of the device) between observation sessions as well as the fast restart of observation (when display is turned off, all other systems are working; for normal operation it is enough just to power on the display again).

- **High Image Frequency**

And the 50Hz refresh rate guarantees you to capture every moment that you are interested.

- **PIP Functions**

Picture-in-Picture improves accuracy by providing a 2x magnified image of the reticle area at the top of the display. It helps to zoom in on a target while retaining the rest of the field of view visible.

- **5 Color Palettes**

The Eye series provides more than 5 color palettes for true colorized temperature mapping, including “white hot”, “black hot”, “red hot”, “color” and “hot target highlight”. Switching between different color palettes is fast and easy.



white hot

black hot

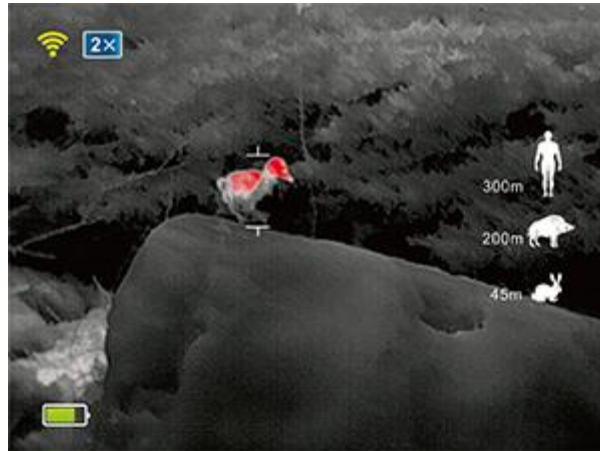
red hot

color

hot target highlight

- **Stadiametric Rangefinder**

Based on estimated heights of targets user can get the rough distance from the target with the build-in stadiametric rangefinder fast and easy.



## • Hot Target Tracking

Track the hottest spot in the scene automatically and discover the target quickly.



## • Built-in Video Recorder and WiFi Connection

The monocular has 8 GB build-in memory to store the captured still images and video recording and WiFi module which allows 4 connections simultaneously.



## Your Wise Choose With Eye II Series V2.0

Model	E3Plus V2.0	E3Max V2.0	E6+ V2.0	E6Pro V2.0
Resolution, pixels	384×288		640×512	
Pixel Size, $\mu\text{m}$	12			
NETD, mk	$\leq 40$			



Frame Rate, Hz	50			
Objective Lens, mm	25	35		50
Field of View	10.5°×7.9°	7.5°×5.7°	12.5°×10.0°	8.8°×7.0°
Display	1280×960 LCOS			
Optical Magnification, x	2.5-10	3.5-14.0	2.1-8.4	3.0-12.0
Digital Zoom, x	2/4			
Max. Battery Life, h	7		6	
Amount of built-in memory, GB	16			
Dimension, mm	181×65×64	186×65×64	188×65×64	202×65×64
Weight, g	<420			<500
Detection Range, m (Target size:1.7m×0.5m,P(n)=99%)	1298	1818		2597

## Product consulting

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## **IMAGERS**

Thermal Monocular

Phone Thermal Camera

Car Thermal Camera

Clip on Thermal Scope

Rico Thermal Scope

Tube Thermal Scope

Dual spectrum thermal imager

online monitoring thermal camera

## **MODULES**

Micro III Thermal Imaging Module

Mini Thermal Imaging Module

LT Temperature Measurement Module

FT Alarming Thermal Imaging Module

Phoenix Cooled MWIR Imaging Module

## **APPLICATIONS**

Infrared Thermography

Security Thermal Camera

Night Vision

UAV Thermal Module

Smart Phone

Automotive Thermal Camera

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