# ✕ infrared

**IRay** sensing

## Eye II Series

Bigger display and multifunctional operations enhance and record the excellent moment of your outdoor activities. **Big and Bigger.**

**E3PLUS / E3MAX / E6+ / E6PRO**

### 💡 High Image Quality

**MATRIX III**

The Eye II 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. The Eye II series has excellent performance in critical temperature range. Matched with Matrix III™ powerful algorithm, it can improve the image contrast automatically, highlight the target and strengthen the image hierarchy, to make the imaging effect better, and find target faster.
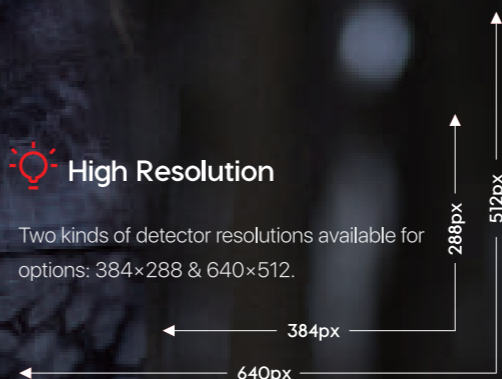
**HD**

### 💡 HD Micro Display

**1280X960** high resolution internal display offers crisp image and vivid colors.

### 💡 High Resolution

Two kinds of detector resolutions available for options: 384×288 & 640×512.

512px
288px
384px
640px

## Components controls

- Eyeshade
- Eyepiece Adjustment
- Indicator
- Photo Capture
- E-zoom
- Image Mode
- Power
- Lens

## Built-in Video Recorder and WiFi Connection

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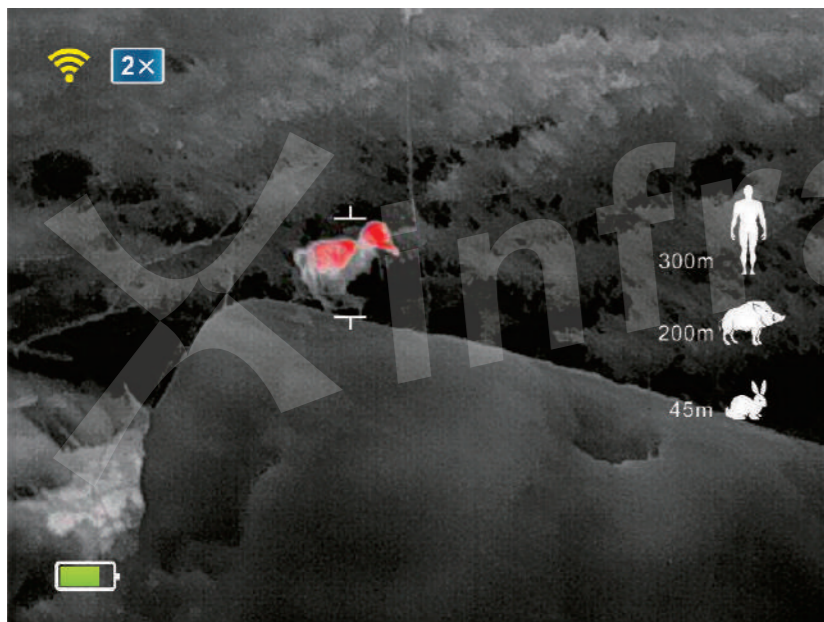
WIFI

iOS          Android          Pad          Laptop

## High Image Frequency

# 50Hz

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

## 14x Magnification

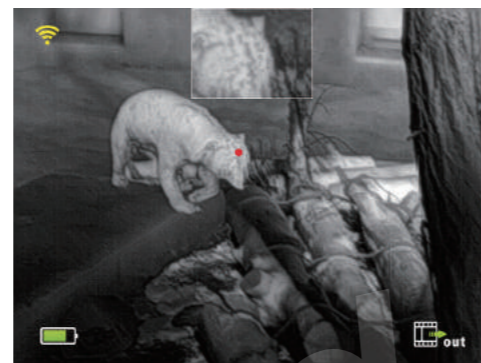Up to 14-time magnification to identify the target easier.

2×

300m

200m

45m

## 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.
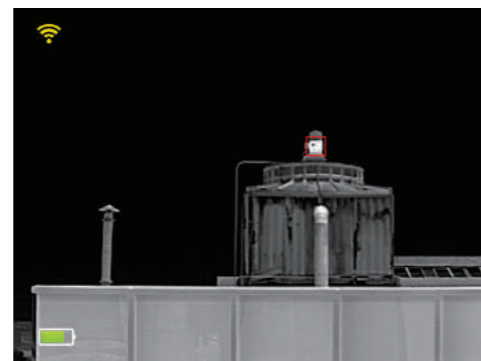
Veye E6+

## Picture-in-Picture Function

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.
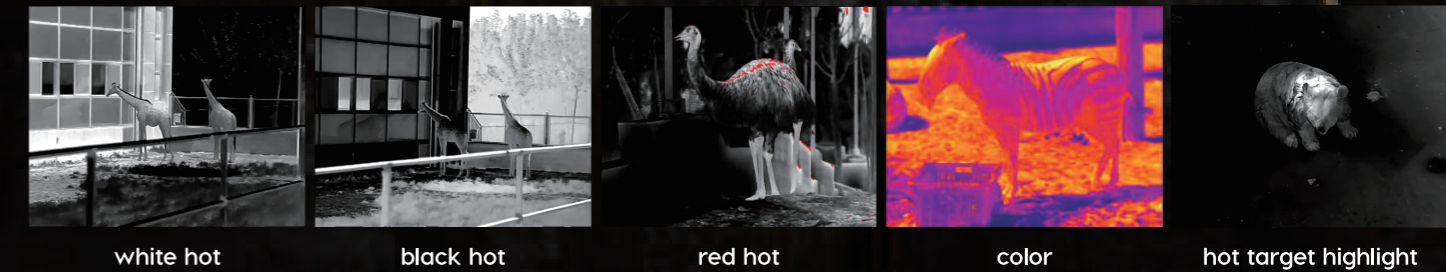
## Hot Target Tracking

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

## 5 Color Palettes

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

white hot          black hot          red hot          color          hot target highlight

| Model | E3Plus | E3Max | E6+ | E6Pro |
|---|---|---|---|---|
| Detector Resolution, pixels | 384x288 | 384x288 | 640x512 | 640x512 |
| Pixel Size, μm | 17 | 17 | 17 | 17 |
| NETD, mK | ≤50 | ≤50 | ≤50 | ≤50 |
| Frame Rate, Hz | 50 | 50 | 50 | 50 |
| Objective Lens, mm | 25 | 35 | 35 | 50 |
| Field of View | 14.9°×11.2° | 10.7°×8° | 17.7°×13.3° | 12.4°×9.3° |
| Display Resolution, pixels | 1280×960 | 1280×960 | 1280×960 | 1280×960 |
| E-zoom | x2/x4 | x2/x4 | x2/x4 | x2/x4 |
| Detection Range, m (Target size:1.7m×1.2m) | 973 | 1361 | 1361 | 1945 |
| Max. Battery Life, h (Power saving mode) | 4.5 | 4.5 | 4 | 4 |
| Dimension, mm | 181×65×64 | 186×65×64 | 188×65×64 | 202×65×64 |
| Weight, g | <450 | <450 | <450 | <520 |