



 **High Image Quality**

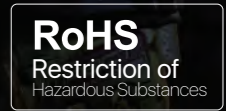
The Eye series is embedded with IRay independently developed high performance VOx detector which allows you to get high detailed thermal images, so as to make it simpler to search targets in darkness.

Model	 E2n V2	 E3n
Detector Resolution, pixels	256×192	384×288
Pixel Size, μm	12	17
NETD, mK	≤40	
Frame Rate, Hz	25	50
Objective Lens, mm	13	19
Field of View	13.5°×10.1°	19.5°×14.7°
Display Resolution, pixels	720×540	
Magnification, ×	1.24-2.48	0.85-3.4
Max. Battery Life, h	20	15
Dimension, mm	160×62×62	
Weight, g	<320	
Detection Range, m (Target size:1.7m×0.5m, P(n)=99%)	675	696



Eye Series

The compact & elegant design and easy operational functions make the Eye series thermal imaging monocular the ideal target observation tool in darkness.



E2N V2 / E3N



IRay Technology Co., Ltd.

Tel: 400-998-3088 Fax: +86-535-3410604
 Mail: infirayoutdoor@infiray.com Web: www.infirayoutdoor.com
 Add: 11th Guiyang Street, YEDA, Yantai 264006, P.R.China

1500m

1300m

1100m

900m

700m

500m

300m



Long Detection Range

An average human-size target can be detected at a 1300m distance in complete darkness.



Compact Size and Lightweight

Compact size and lightweight are important for outdoor usage, which requires the highest level of comfort and usability.



Sufficient Operation Time

15h

Up to 15 hours operational battery life guarantees you don't have to worry about the power supply.

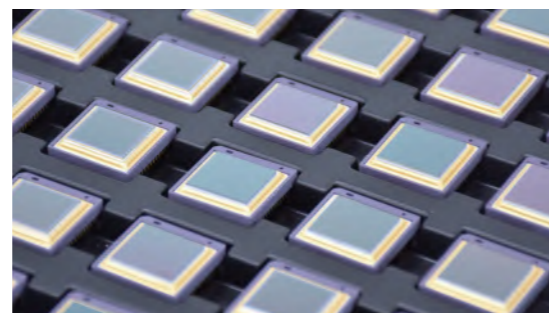
E3n is tested @25 C indoor.

Quick Start-Up Time

3s

3 seconds start-up time helps to save energy. The monocular can be kept in a pocket and then rapidly activated when the right time comes.

12µm Thermal Imaging Sensor



E3n -17µm detector E2n V2/E6n -12µm detector

High performance 12µm & 17µm pixel pitch detectors are embedded in the compact body.



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.



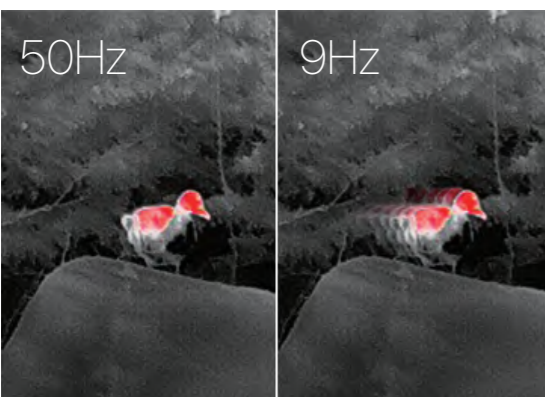
white hot

black hot

red hot

color

hot target highlight



High Frame Rate

50Hz

The 50Hz frame rate guarantees you to capture every moment that you want to catch. Smooth, fluent and crystal clear views offers excellent observation for all your outdoor adventures.