

## 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 / E3N / E6N

**RoHS**  
Restriction of  
Hazardous Substances

**CE** CONFORMITE  
EUROPEENNE



### High Image Quality

The Eye series are 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.

### Sufficient Operation Time

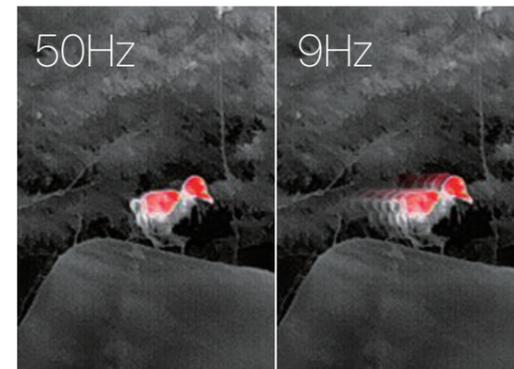
15h

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

### 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.



### High Frame Rate

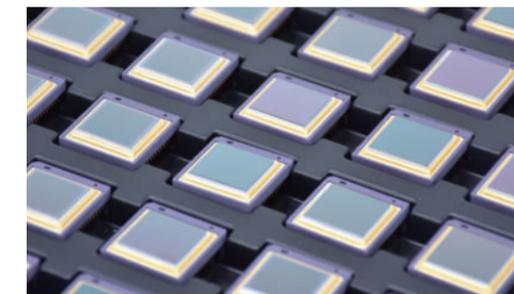
50Hz

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.



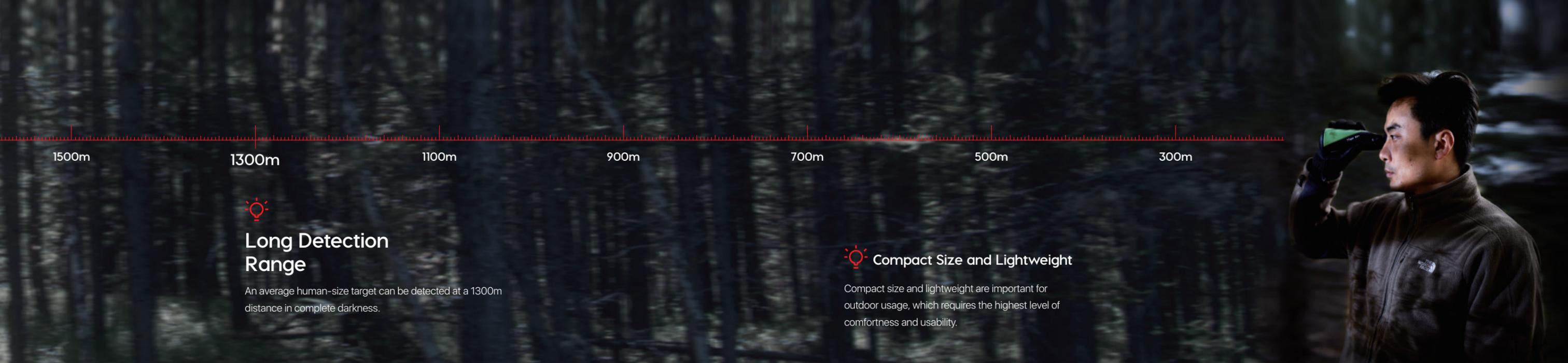
12μm

Thermal Imaging Sensor



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

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



### 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 comfortness and usability.

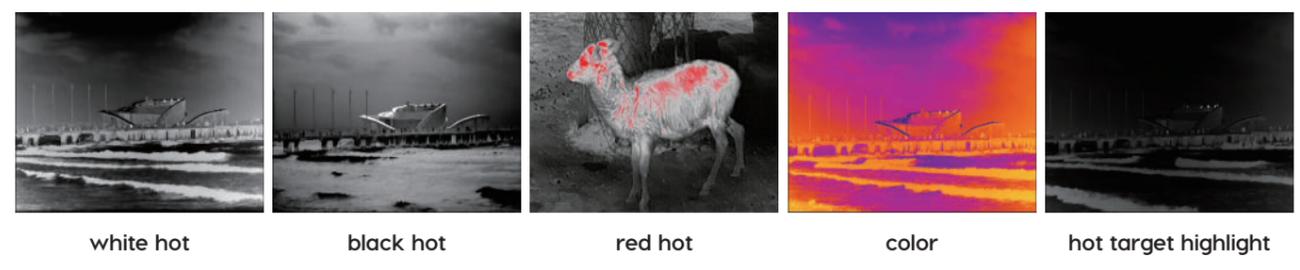
### Friendly Electrical Interface

The monocular can be connected to specified APP via USB cable which allows user to watch the real-time video, take picture and record video on mobile devices based on Android and iOS such as smartphone or tablet.



### 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.



Model	E2n	E3n	E6n
Detector Resolution, pixels	240×180	384×288	640×512
Pixel Size, μm	17		12
NETD, mK	≤50		
Frame Rate, Hz	50		
Objective Lens, mm	13	19	25
Field of View	17.8°×13.4°	19.5°×14.7°	17.5°×14°
Display Resolution, pixels	720×540		
E-zoom	×2	×2/×4	
Max. Battery Life, h	15		12
Dimension, mm	160×62×62		185×62×62
Weight, g	<320		<400
Detection Range, m (Target size:1.7m×0.5m, P(n)=99%)	476	696	1298