Model

	C2w	E3w
Detector Resolution	256×192	384×288
Pixel Size	12μm	17μm
NETD	≤40mk	
Frame Rate	25Hz	50Hz
Objective Lens	13mm	19mm
Field of View	13.5°×10.1°	19.5°×14.7°
Display Resolution	720×540	
E-zoom	×1 ×2	×1 ×2 ×4
Max. Battery Life	12h	7h
Weight	<320g	
Dimension, mm	160×62×62	
Detection Range (Target size:1.7m×0.5m，P(n)=99%)	675m	696m
WIFI	V	
PIP	V	
Storage	16G	

InfiRay

Thermal Imaging Monocular
Eye Series C2w/E3w

The compact & comfortable design with easy operational features make Eye series thermal imaging monocular an ideal vision for you to observe targets in the dark. Model C2W&E3W is a multifunctional entry-level thermal monocular that can take pictures and videos with large memory, and has an embedded PIP function.

C2W / E3W

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RoHS Restriction of Hazardous Substances

Ultra-long Operating Time

The Longest Standby Time of Up to 12 Hours

The longest operating time up to 12h of C2w （under standby mode） solves user's fear of insufficient power supply and allows you to sail without worries.
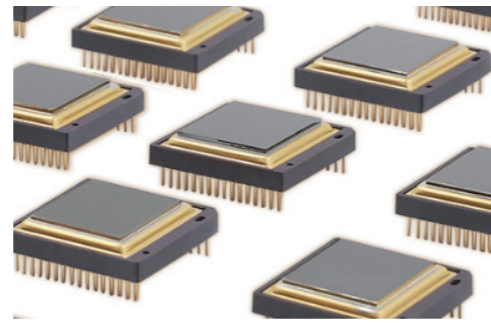
12h

C2w is tested @25℃ indoor.

High Image Quality

C2w 12μm/E3w 17μm

Thermal Imaging Sensor

With two types of pixel sizes-C2w 12um/E3w 17um, multiple detector resolutions and different types of lens focal lengths ensure meeting the diverse needs of users.

5 Color Palettes

Provide 5 color palettes to achieve true color temperature mapping, including "white hot", "black hot", "red hot", "color" and "hot target highlight". Among them, the "hot target highlight" can make the high temperature target more obvious by improving the contrast between the highlight target and the surrounding environment.
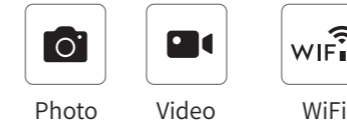
| white hot | black hot | red hot | color | hot target highlight |

Usability and playability

Compact Size and Lightweight

Ergonomic and pocket-sized design allows you to pack lightly, which ensure the highest level of comfort and usability.

Photo   Video   WiFi

Powerful Video & Photo/Wifı

With built-in 16GB memory, which can meet 40,000+ photos or 24 hours of continuous video recording. Integrated Wi-Fi module that can allow 4 connecting devices simultaneously.
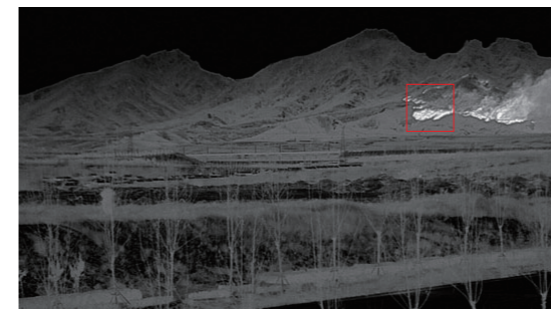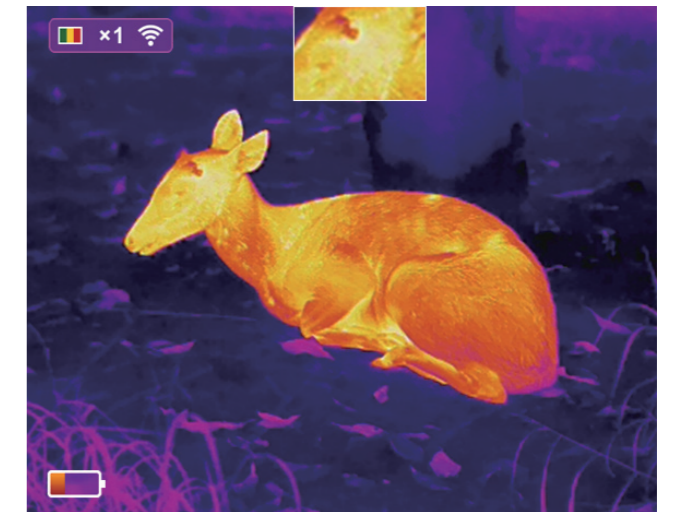
Target Lock

Picture-in-Picture

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

×2/×4 E-zoom

×2/×4 E-zoom options can meet the basic needs of users.

Hot Target Tracking

Tracking the hottest spot in the scene automatically and discovering the target quickly.