



Ultra-clear Mode+  
coolwarm Image hue mode



Photo/Video/MIC/32GB



32GB



Photo



Video



MIC



WiFi

### Long Battery Life

Using low-power components, and lower power consumption, with a standard additional battery pack and a replaceable 4400mAh large-capacity lithium battery pack, battery life of up to 20 hours.



|  |  |
|--|--|
| Model  | ZH50 V2                                      |
| Thermal sensor                                       | 640x512px,12μm                               |
| NETD, mK   | ≤ 25   |
| Objective Lens, mm                                   | 25/50  |
| Field of View (HxV), ° /m at 100m                    | 17.5x13.1 / 8.8x6.6                          |
| Magnification, x                                     | 2-8 / 4-16                                   |
| Detection Range, m(Target size: 1.7m×0.5m, P(n)=99%) | 1300 / 2600                                  |
| Display  | FHD AMOLED 1440x1080                         |
| Battery  | Replaceable li-ion battery Pack IBP-1/4400Ah |
| Weight, g  | ≤710   |
| Dimension, mm  | 220x59x75                                    |



InfiRay Technologies Co., Ltd.

Tel: 400-998-3088

Fax: +86-535-3410604

Mail: infirayoutdoor@infiRay.com

Web: www.infiRayoutdoor.com



Ultra-Clear  
Ultra-Precise



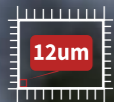
Dual Field of View Monocular

# ZOOM SERIES »»»

ZH50 V2



InfiRay Outdoor 🔍



### 12μm Sensor with NETD ≤25mK

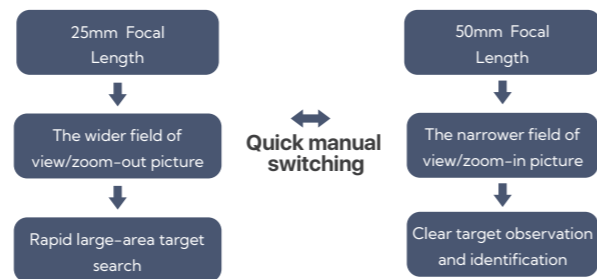
ZH50 V2 is equipped with an uncooled vox 12um 640x512 high-resolution sensor featuring NETD ≤25mK. With the powerful sensor and image algorithm, better image quality is provided.

### No Refocus & Seamless Switching

Just 2 steps for seamless switching between dual-field of view. Sharp picture quality can be achieved with only one-time focus; twist the focus ring for seamless switching between dual-field of view, and the sharp image quality can continue to be maintained without refocusing.

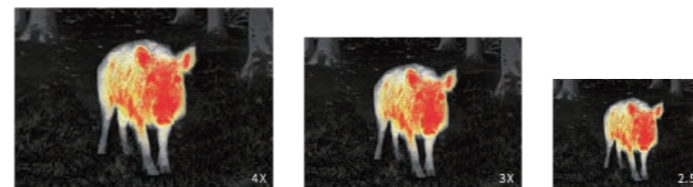


The wider FOV with a focal length of 25mm can be used for target search while the narrow FOV with a focal length of 50mm can be used for target identification.



### 4X Base Magnification

1440x1080 FHD AMOLED display with a high-magnification optical system provides clearer picture quality and more excellent observation experience. You can freely choose either 2x or 4x base magnification. Clearer observation and identification of targets at long distances can be achieved with 4x base magnification.



### Long Detection Range

With advanced imaging sensor and lens, detection range of a 1.7m target can reach up to 2600m.

