

NRD-DB1

Digital Binoculars

DIGITAL BINOCULARS

— Everything Is In Sight —





HD Night
Vision



Laser
Rangefinder



APP
Connection



4k Ultra
HD Recording



Flexible Focusing &
Magnification

Outdoor Observation Made Easy



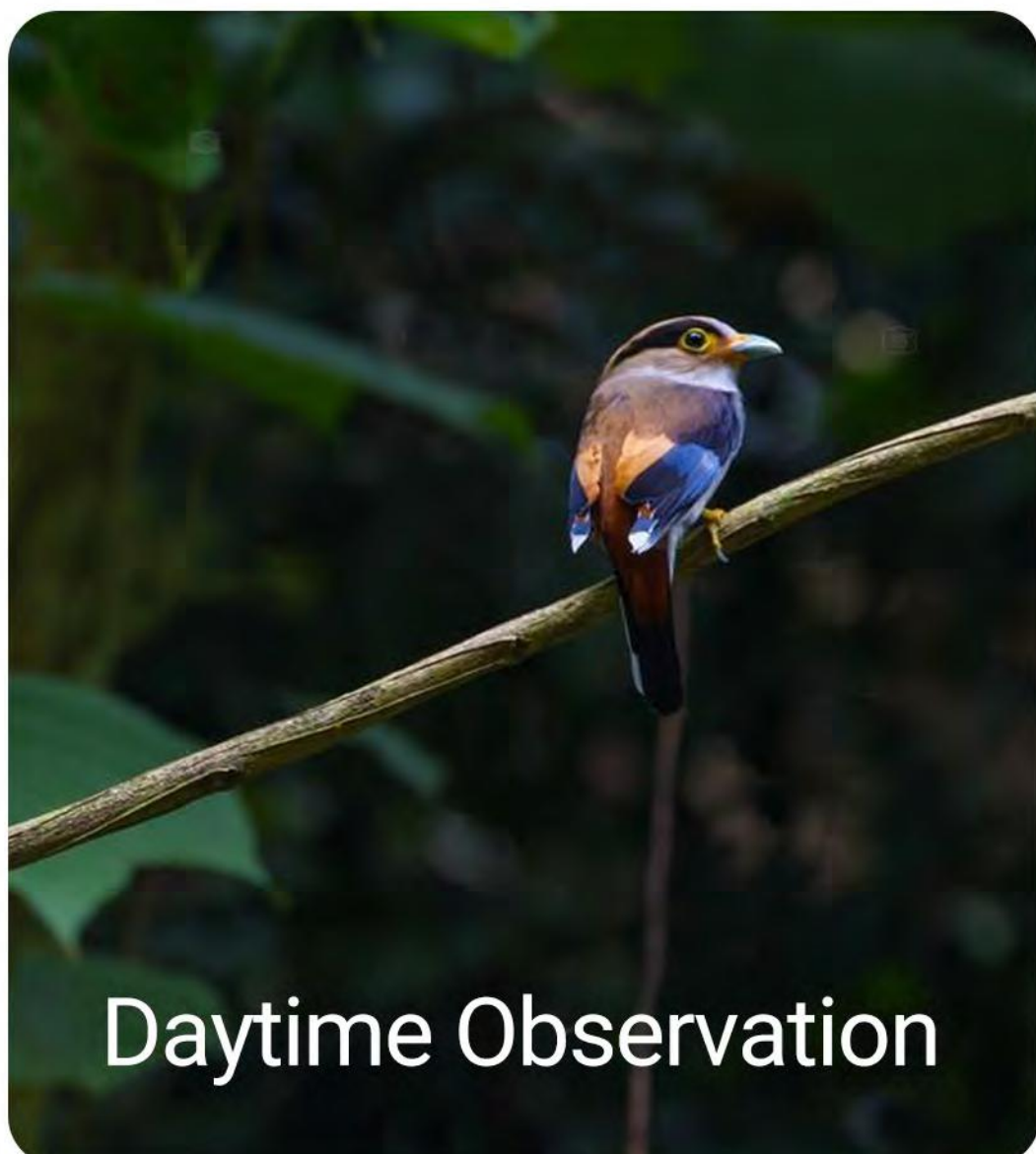
Camping Expedition



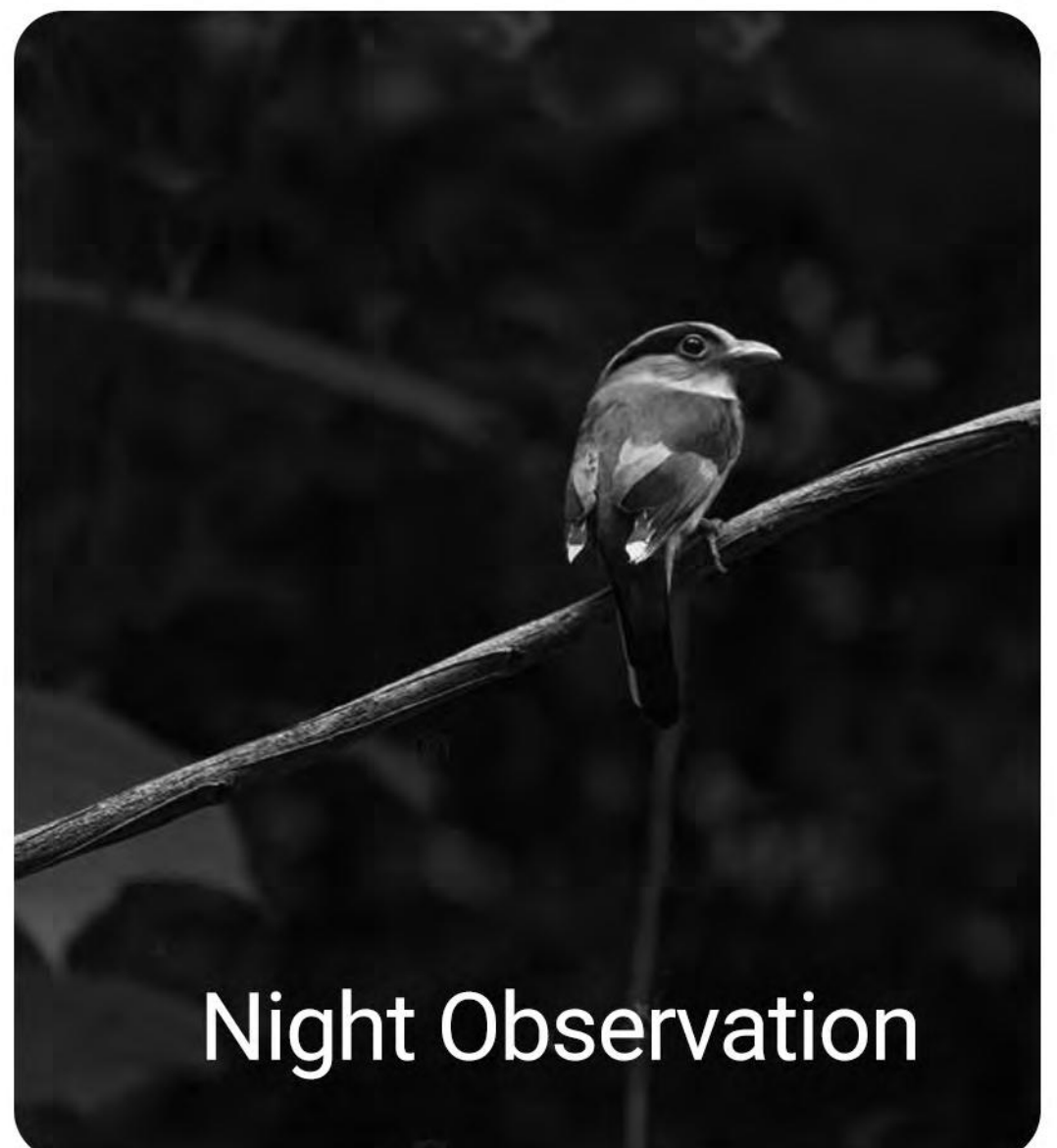
Outdoor Hunting



Mountain View



Daytime Observation



Night Observation

High-quality **4K** Image Fabulous Visual Experience

4K ultra-high-definition technology with high-end chips, presenting rich colors and real pictures. Full-color OLED display technology provides a wider observation field for a comfortable visual perception.

4K $\approx$ 8.3 million pixels



1080P $\approx$ 2 million pixels



Starlight Level Night Vision Observe Every Detail

In various night environments, the floodlight/spotlight can be adjusted according to the distance of the target to keep the field of vision clear and visible, and lock every movement of the observed target, bringing a detailed night vision observation experience within 500m.



Spotlight



Floodlight

Low illumination camera minimum illumination level:

0.1Lux: dark light/ 0.01Lux: moonlight level /
0.001Lux and below: starlight level

Built-In Laser Rangefinder

Replace Feeling With Data

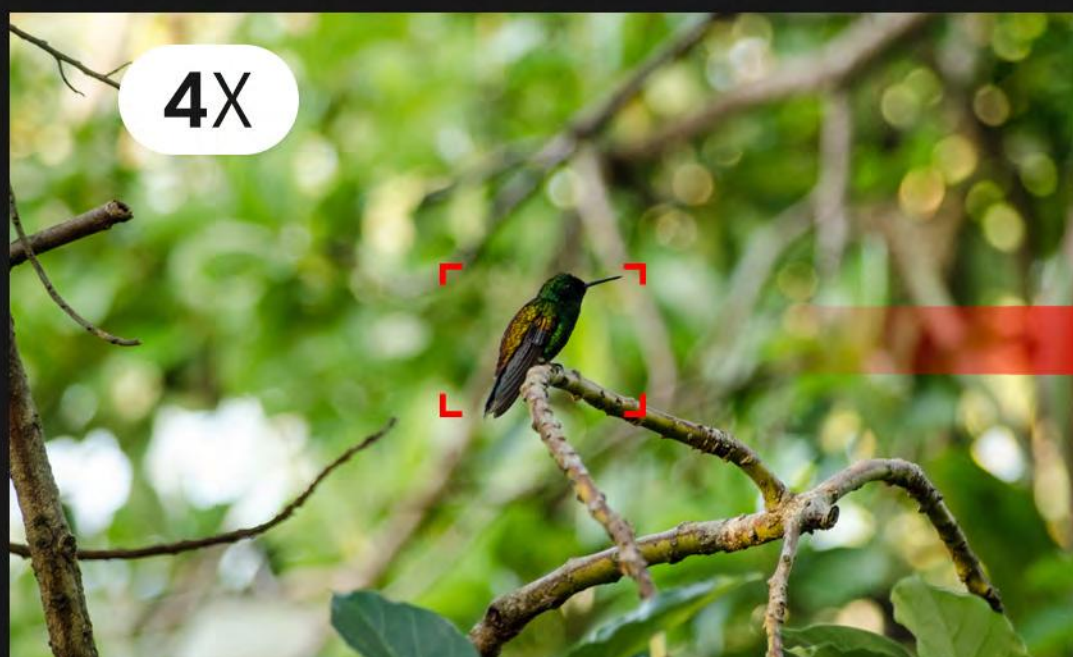
The built-in laser rangefinder can quickly judge the azimuth and distance of the observation target within 1200 meters to replace the subjective judgment with observable data, grasping the range of the observation target.



4-16X Smooth Zoom

Provide Multiple Observational Perspectives

Independent adjustment design allows fast focusing and magnification, easy to grasp the far and near perspective to search and lock on distant targets more sensitively.



APP Real-Time Operation Outdoor Observations Easily Shared

The mobile device can connect to Wi-Fi through the APP to view the screen and control the device in real time. While observing outdoors with ease, you can also share wonderful moments with your partners.



Digital Binoculars

Download on the
App Store

Download on the
Android Store

Note:

The accessory needs to be
purchased separately

Long-Lasting Runtime For Worry-Free Observation

10000 mAh Panasonic battery provides up to 8 hours of runtime and Type-C convenient charging allows to easily complete observation tasks.



10000 mAh
Panasonic battery

8 hours
Runtime

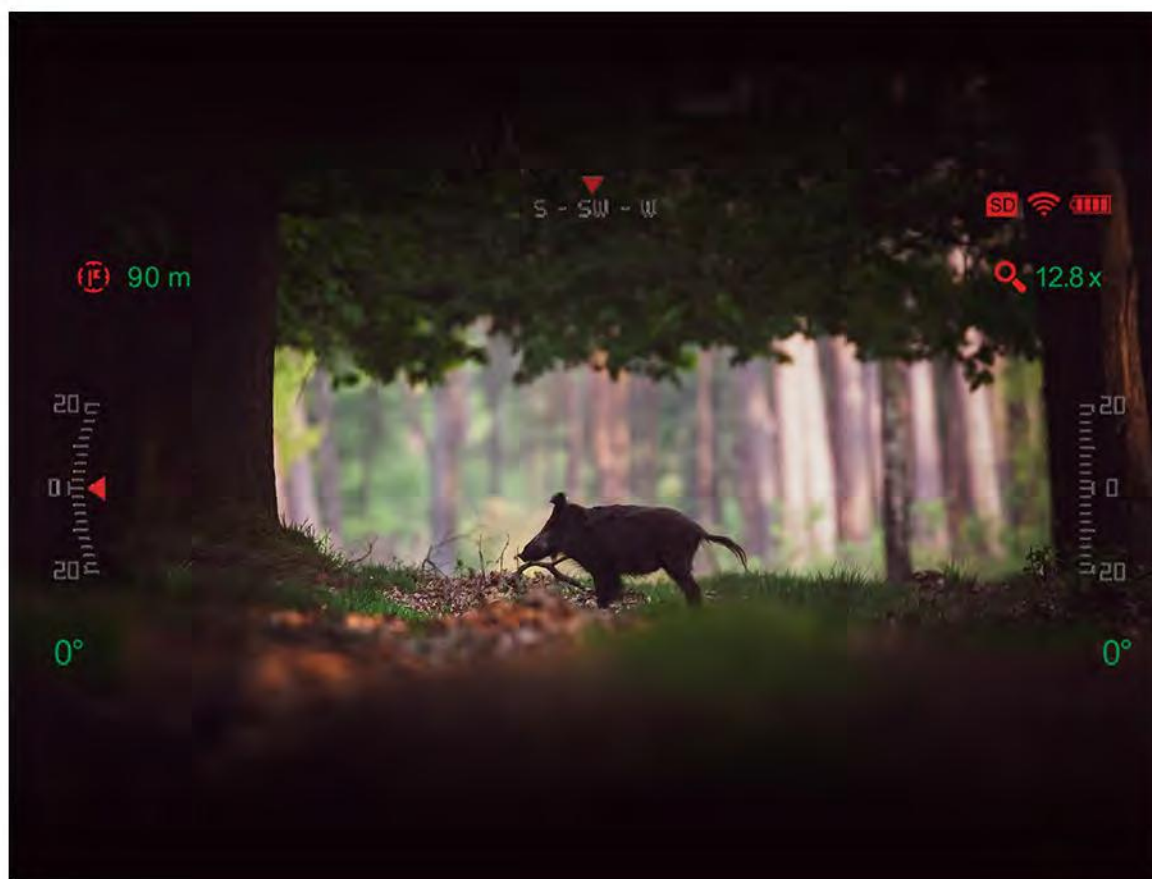
Waterproof Design For Protection Against Rain

Waterproof design ensures stable performance as usual in the ever-changing outdoor conditions.



Intimate Details

Create the Ultimate User Experience



Function Display Screen

The electronic compass screen provides the observation direction, and the functions are fully displayed.

Convenient Carrying Accessories

Neck strap + storage bag, sturdy and wear-resistant, no worries about storage.



Anti-slip design

The user-friendly non-slip surface ensures the user's operation, preventing hands-off or ineffective operation.

Interpupillary Adjustment

Adjust your own comfortable pupil distance.



Diopter Adjustment

Rotate left and right to adjust the diopter, the applicable range is ± 5 sd.



Record Video



Live Stream

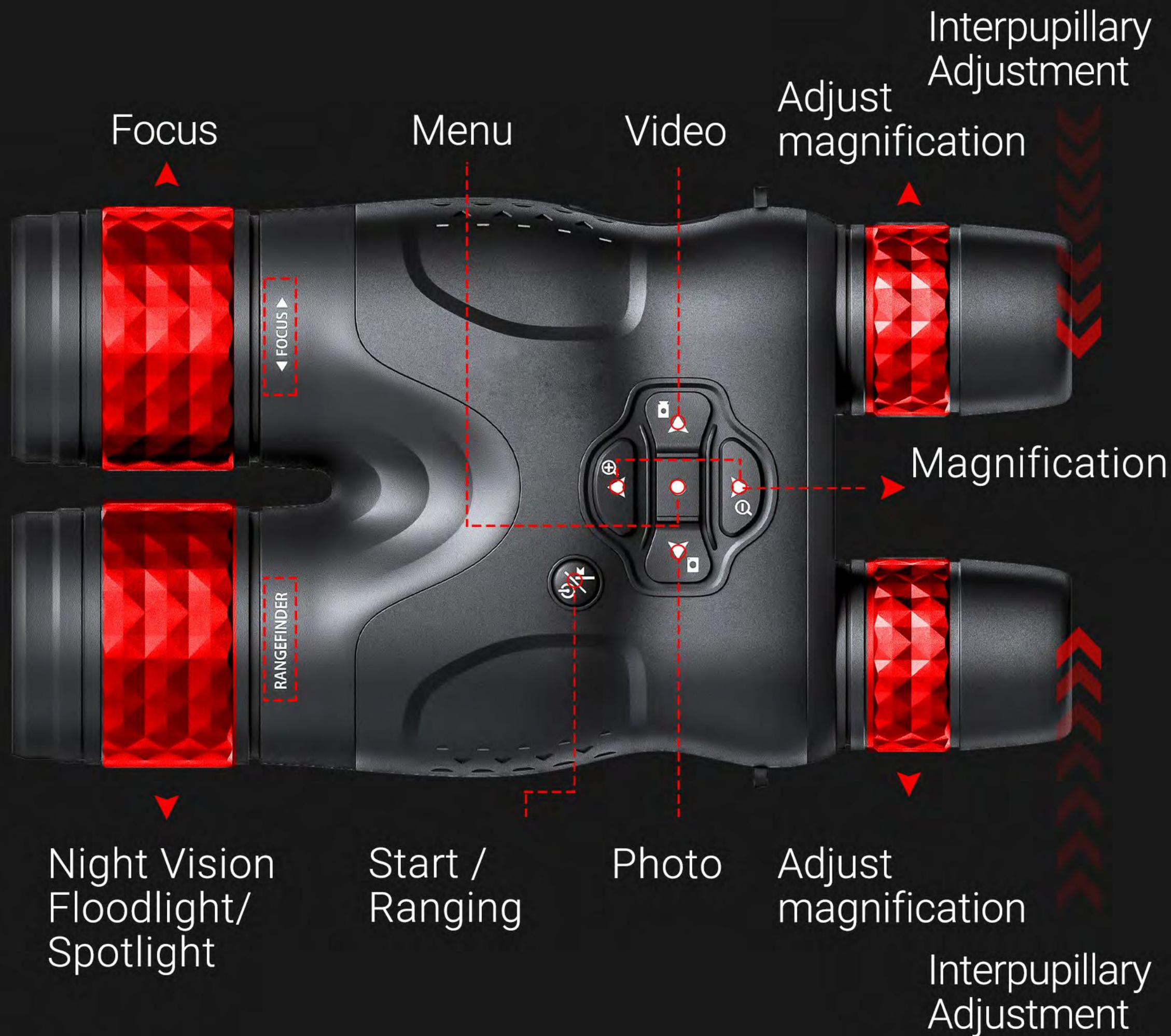
1 HDMI

HD transmission interface,
4K@30fps video

2 Type-C charging interface:

Charging and SD card data reading

3 Pop-up SD Card Slot



Specifications	
Video	4K：3840*2160 60fps/30fps
	FHD:1920*1080 120fps/ 60fps/30fps
Photo Resolution	12 million pixels
	TF card must meet U3 level
Record Video	Loop recording is not allowed, and a corresponding reminder must be displayed on the screen after the storage space is used up
Language	Chinese, English, French, Spanish, Arabic
ISO	100~6400
Electronic Shutter	30 FPS：0.0001225686 s--1/30 s
	60 FPS：0.0001225686 s--1/60 s
Key Function	appendix
Interface	TF card slot Pop-up SD Card Slot
	HDMI Live Stream
	TYPE-C Charge
Rangefinder	10-1200m
Electronic Compass	YES
3D Gyroscope	YES
Day and Night Switch	YES
Wifi	YES (Must be connected with APP)
Electronic Image Stabilization	YES
Weight	1.06kg
Vision Range	±5SD
Exit Pupil Distance	18mm
Interpupillary Adjustment	60-70mm
Objective Lens Effective Aperture	40mm
Viewing Angle	6.5°(horizontal)X4°(vertical)
Focus Range	3m-∞
Magnification Range	4X-16X
Daytime Observation Distance	>1000m
City Night Observation Distance	>500m
Outdoor Night Observation Distance	>100m
Runtime	8 h
Dimensions	224(length) X 126 (width) X 58(height)
Standard Accessories	TF card, shoulder strap, storage bag, neck strap, manual