

Laser Rangefinding Binoculars – The All-in-One Choice for Precision Observation and Ranging

 10×42ED

 Precise distance measurement
and angle measurement

 IP67

 Nitrogen-filled sealing





Dimensions: 146mm×111mm×51mm

FOLLOW WITH EVERYTHING THAT YOU WILL NEED



BAK4 prism

Scan Ranging

Multi - layer
Broadband
Coating

Precision
Measurement

Full HD (Full High
- Definition

Magnesium Alloy
Body

SPECIFICATIONS

Name	Laser rangefinding binoculars
Model	10×42 ED
Magnification	10×
Eyepiece aperture 21mm	21mm
Objective lens aperture	42mm
Field of view	6.1° 106.9m @ 1000m 320.6ft @ 1000yds
Minimum focusing distance	3m /9.8ft
Range	1800m (Gray House1300m, Tree1400m, Deer1500m)
Exit pupil diameter	4.25mm
Eixt pupil distance	14.9mm
Relative brightness	18.06
Twilight factor	20.49
Prism materials	BAK4
Laser wavelength	905m
Laser emission power	< 1mW
Laser Class	Class I
Distance measurement display	Bright black LCD display
Ranging accuracy	±0.5m
Angle	±90°
Waterproof level	IP67
Dimensions	146×111×51mm
Weight	790g
Battery modle	CR2
Operation temperature	-20℃ ~ 50℃



Dust Cover



Pixel And Distance



Eyepiece



Button



Body



Anti-Slip Strip



Battery Storage

PRODUCT

HOW TO USE

STEP1. Install Battery

Open the battery cover and insert a CR2 battery, noting the positive and negative poles. If a low battery prompt (e.g., "LOW" or a flashing battery icon) appears on the screen after powering on, replace the battery promptly. Replace the CR2 battery at least once a year as recommended.

STEP2. Adjust Eyecups

Without Eyeglasses: Fully twist up the eyecups to ensure a complete field of view.
With Eyeglasses: Twist down the eyecups to reduce the distance between eyes and eyepieces, preventing view obstruction.

STEP3. Adjust Interpupillary Distance

Hold both sides of the binoculars and move the barrels left/right to align the centers of the left/right eyepieces with your pupils. Complete the adjustment when a single, ghost-free image is seen (IPD should match your personal eye spacing).



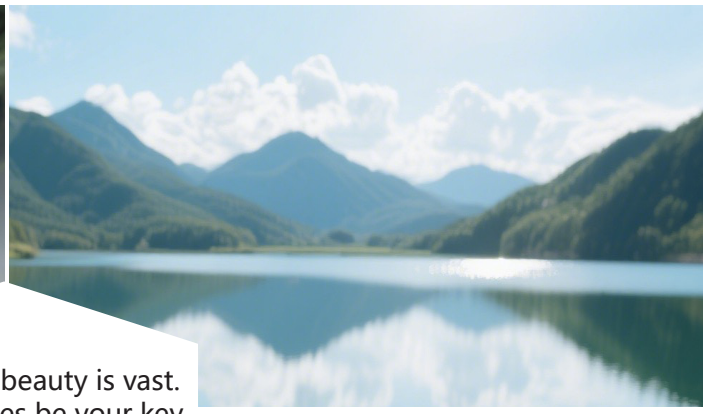
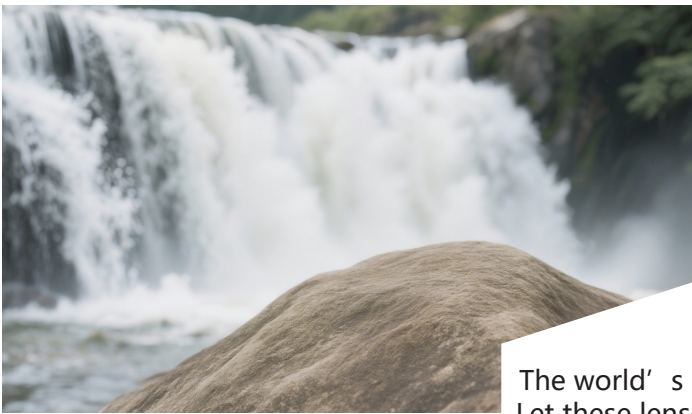
OPERATION



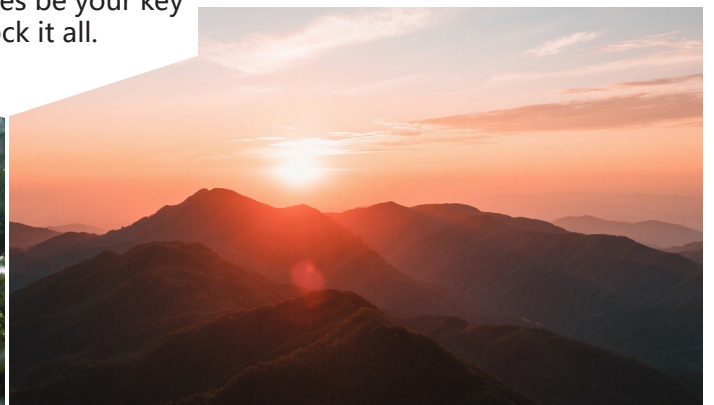
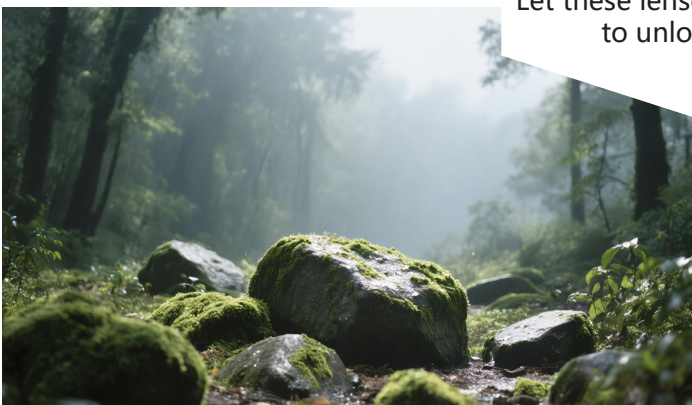
EXPLORE MORE



"Crafted for clarity, built for adventure. Every detail, every distance — within reach."



The world's beauty is vast.
Let these lenses be your key
to unlock it all.



Binoculars Storage and Maintenance Recommendations Table

Category	Specific Recommendations
Storage Environment	- Temperature: -20°C ~50°C - Humidity: Avoid high humidity; use desiccant when storing - Location: Keep in a dry, ventilated place, away from direct sunlight and chemicals
Lens Maintenance	- Cleaning: Gently wipe with a lens pen or dust-free cloth; use specialized cleaning solution for stains - Protection: Cover lenses with lens caps when not in use - Taboos: Do not touch lenses with hands; never observe the sun
Battery Management	- Model: CR2 battery - Replacement: Replace at least once every 12 months - Long-term storage: Remove batteries to prevent leakage
Component Adjust	- Eyecups: Fully extend when not wearing glasses; twist down when wearing glasses - Interpupillary Distance: Adjust until left and right images overlap without shadows
Function Maintenance	- Ranging Mode: Auto power off after 8 seconds in single ranging mode; long-press the On/Range button to shut down at any time - Unit Switch: Long-press the Scan button to switch between Meters/Yards
Special Notes	- Waterproof: IP67 rating; avoid prolonged immersion - Laser Safety: Do not aim at human eyes; laser class CLASS I - Cleaning Frequency: Remove dust, dirt, and moisture from lenses promptly to prevent reduced light transmittance and ranging accuracy



NANJING SURETECH CO., LTD
4th Floor, Building 2, Xinchuang Industrial Park, 6
MingyuanRoad, Tiexingjiao Street,
Yuhuatai District, Nanjing, Jiangsu Province
025-58327981
swzn@surertech.com
www.surertech.com