

DN 2.0 Series

Handheld Digital Binoculars



4K Clarity, Smart Choice



Introduction

The all-new DN 2.0 Series handheld digital binoculars redefine all-weather optical imaging with innovation and precision. Designed for hunting, law enforcement, and other professional applications, the series integrates a 3840×2160 low-light CMOS sensor with a 1920×1080 AMOLED display, delivering a stunning 4K viewing experience—making it the ideal solution for low-light observation.

Features

- o Slim binocular design with stepless 58–72mm interpupillary adjustment.
- o 3840×2160 low-light CMOS sensor paired with a 1920×1080 AMOLED display.
- o Precision focus wheel for effortless one-handed use; customizable mute buttons for a personalized user experience.
- o Pinpoint target locations with accuracy, up to 1200m.
- o Dual-band Wi-Fi connection, OTA upgrade via TargetIR APP.
- o IP67-rated with auto screen-off for both energy saving and discreet use.

Applications

- o Night Hunting
- o Law Enforcement
- o Search & Rescue



Specifications

Product model	DN70L 2.0
Sensor	
Type	Digital: CMOS
Resolution	3840×2160@2μm
Frame rate	50Hz
Lens	
Objective lens	Digital: 70mm, F1.8
Field of view	5.9°×3.5°
FOV m@100m	10×6
Magnification	5.4x~43.2x
Detection range	1300m/1400yd
Focus	Manual
Display	
Display type	0.49" AMOLED 1920×1080
Color palettes	Day, Night, Low-light
Eyepiece	Eye relief: 20mm; Diopter: -6 to +6; Interpupillary distance adjustment: 58~72mm; Zoom: 13.8x
Hardware	
Laser rangefinder	1200m/1310yd
WIFI	2.4G, 5G
Interface	USB-C (Support charging)
Others	Microphone, Compass, Gyroscope, Bluetooth
System	
Recording function	Photo/Video (Audio recording included)
Memory capacity	128GB
Power	
Battery type	Customized Battery (Built-in) and 18650 ×1 Battery (External)
Operating time	5 hours
Environmental	
Operating temp.	-20°C to 50°C / -4°F to +122°F
Encapsulation	IP67
Physical	
Weight (g/oz)	820/28.9
Size (mm/in)	216×133×64/8.50×5.24×2.52
Standard	Device, Neck Strap, Carry Bag, 18650 Battery ×2, Battery Charger, 5V 2A Adapter (US, UK, Australia, and Europe), USB-A to USB-C Cable, Quick Start Guide, Warranty Card
Optional	Bluetooth Remote Control, 18650 Battery

* Product performance is based on testing in a controlled laboratory environment. Your test results may vary due to several external and environmental factors.
All specifications are subject to the actual product. The manufacturer reserves the right to modify technical specifications without notice or liability to you.