



GUIDE

4K UHD imaging, day and night servicing

DN Series

Handheld Digital Binoculars

Introduction

Experience 4K ultra-high-definition visuals with the DN Series. Its 3840x2160@2μm moonlight low-light CMOS sensor and 1920x1080 AMOLED display create stunning images day and night. In the case of sufficient light, the 4K low-light detector has a strong color rendition ability, presenting more delicate and colorful images; and in the morning, dusk, and night when there is insufficient light, turn on the infrared fill light, and you can "see through" the dark night from a long distance to observe, identify, and monitor hidden targets ahead.

Features

- 4K UHD Clarity: 3840x2160@2μm CMOS sensor + 1920x1080 AMOLED display.
- Day/Night Versatility: Day/Low-light/Night image modes, HD full-color display anytime.
- Effortless Evidence Collection: Easily capture photos and record videos with one click.
- Laser Range: Pinpoint target locations with accuracy, up to 1000m.
- WIFI: The connected app via WIFI for remote control, live image and video transmission.
- OTA Upgrade: Support device firmware updates by connecting TargetIR APP.
- Ergonomic Design: Binocular design with adjustable 60mm-70mm pupil distance.
- Extended Endurance: Enjoy up to 6 hours of continuous outdoor use.

Applications

- Night Hunting
- Search & Rescue
- Law Enforcement
- Personal security



Specifications

Product model	DN30
Sensor	
Type	CMOS
Resolution	3840×2160@2μm
Frame rate	50Hz
Lens	
Objective lens	35mm, F1.0
Field of view	12.57°×7.12°
FOV m @100m	22×12
Magnification	1.96x~15.68x
Detection range	600m/ 650yd
Display	
Display type	0.39" AMOLED 1920x1080
Scene modes	Day, Night, Low-light
Eyepiece	Exit pupil distance 16 mm; Diopter: -4 to+2; Interpupillary distance adjustment: 60mm to 70mm; Zoom: 13.8x
Hardware	
Laser rangefinder	1000m/ 1090yd
IR illuminator	940 nm
WIFI	2.4G
Interface	USB Type-C
Others	GPS, Compass, Gyroscope, Bluetooth
System	
Recording function	Photo/Video
Memory capacity	32GB
Power	
Battery type	2 replaceable 18650 batteries
Operating time	6 hours
Environmental	
Operating temp.	-30 °C to 50 °C/ -22°F to +122°F
Encapsulation	IP66
Physical	
Weight(g/ oz)	940/ 33.16
Size(mm/ in)	162×146×70/ 6.38×5.75×2.76
Standard	Device, lens cap, 2 detachable eye masks, carry bag, shoulder strap, 5V2A adapter (US, Britain, Australia and Europe), 2 replaceable 18650 batteries, Battery charger, USB Type-C cable, micro HDMI cable, quick start guide
Optional	Bluetooth remote control, Extended bracket