

DN Muo 2.0

Multispectral Fusion Digital Binoculars

outdoor

Less Mass, More Might

Features

- o **Day & Night Vision:** Integrated thermal imaging and visible-light sensor for seamless 24-hour observation.
- o **Lightweight Design:** Classic slim binocular structure with stepless adjustable 58–72mm interpupillary distance.
- o **Intuitive Control:** Precision focus wheel for effortless one-handed use; customizable buttons for a personalized user experience.
- o **Effortless Evidence Collection:** Easily capture photos and record 4K videos with one click.
- o **All-in-One Functionality:** Integrated rangefinder, GPS, and digital compass to support informed decision-making.
- o **Smart Connectivity:** Dual-band Wi-Fi connection, OTA upgrade via TargetIR APP.
- o **Rugged & Efficient:** IP67-rated with auto screen-off for both energy saving and discreet use.

Applications

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



Specifications

Product model	DN70M 2.0
Sensor	
Type	Thermal: Uncooled VOx Infrared Detector, 8 to 14μm; Digital: CMOS
Resolution	Thermal: 256×192@12μm (NETD 30mK); Digital: 3840×2160@2μm
Frame rate	50Hz
Lens	
Objective lens	Thermal: 25mm, F1.0; Digital: 70mm, F1.8
Field of view	Thermal: 6.6°×4.0; Digital: 5.9°×3.5°
FOV m@100m	Thermal:12×7; Digital: 10×6
Magnification	Thermal: 4.8x~19.2x; Digital: 5.4x~21.6x
Detection range	Thermal: 1300m/1400yd; Digital: 1300m/1400yd
Focus	Manual
Display	
Display type	0.49" AMOLED 1920×1080
Color palettes	IR: White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia; Visible: Day, Night, Low-light
Image modes	IR, Visible, Fusion 1, Fusion 2, Fusion 3
Eyepiece	Eye relief: 20mm; Diopter: -6 to +6; Interpupillary distance adjustment: 58~72mm; Zoom: 13.8x
Hardware	
Laser rangefinder	1500m/1630yd
WIFI	2.4G, 5G
Interface	USB-C (Support charging)
Others	Microphone, Compass, Gyroscope, Bluetooth
System	
Recording function	Photo/Video (Audio recording included)
Memory capacity	256GB
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)	914/32.24
Size (mm/in)	226×133×64/8.90×5.24×2.52
Standard	Device, Neck Strap, Carry Bag, Lint-Free Cloth, 18650 Battery ×2, Battery Charger, Quick Charging Adapter, USB-C 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.