



# GUIDE

## The Ideal Nighttime Hunting Partner

**DU Series** Digital Day & Night Vision Scope

### Introduction

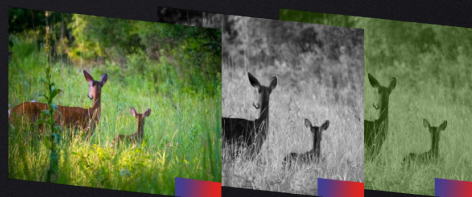
DU Series is a high-performance Digital Day & Night Vision Scope designed for professional hunting. The high-sensitivity 1920x1080 CMOS Sensor that offers outstanding image quality. The full-color HD 1920x1080 AMOLED display guarantees the smallest image detail with meticulous care to respect users' wishes. The advanced dual battery system provides up to 15 hours of non-stop use from day to night.

### Features

- Highly Sensitive 1920x1080 Sensor for image acquisition
- Full HD AMOLED Display for image detail
- Day, Low-light and Night modes
- 15 hours super long battery life
- Mounting on standard 30 mm rings
- 10 distinct reticles with 6 color schemes and 10 levels of brightness
- Compact and lightweight
- Encapsulation IP67

### Applications

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



## Specifications

Product model	DU50
<b>Sensor</b>	
Type	CMOS
Resolution	1920×1080@4μm
Frame rate	50 Hz
<b>Lens</b>	
Objective lens	50mm, F1.2
Field of view	9°×5.2°
FOV m @100m	16×9
Magnification	3.125x~25x
Detection range	600m/ 650yd (850nm); 550m/ 600yd (940nm)
<b>Display</b>	
Display type	0.39" AMOLED 1920x1080
Scene modes	Day, Night, Low-light
Eyepiece	Exit pupil distance ≥ 48 mm; Diopter ± 4; Zoom: 14x
<b>Hardware</b>	
IR illuminator	850nm/ 940nm (Alternative)
WIFI	2.4G
Interface	USB Type-C
Tube diameter	Standard 30 mm
<b>System</b>	
Recording function	Photo/Video
Memory capacity	32 GB
<b>Power</b>	
Battery type	Single 18650 battery (built-in) and customized battery (external)
Operating time	15 hours
<b>Environmental</b>	
Operating temp.	-30 °C to 50 °C/ -22°F to +122°F
Shock	800G/1ms semi-sinoidal IEC60068-2-27
Encapsulation	IP67
<b>Physical</b>	
Weight(g/ oz)	980/ 34.57
Size(mm/ in)	371×107×68/ 14.60×4.21×2.68
Standard	Device, Lens cover, Eye mask, 5V2A adapter (US, Britain, Australia and Europe), Customized battery×2, Customized battery charger, USB Type-C cable, Micro HDMI cable, Clip×2, IR illuminator, IR illuminator bracket, Quick start guide, Warranty card
Optional	Customized battery, Laser rangefinder, Bluetooth controller, Dovetail rail