



# 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
- Search & Rescue
- Law Enforcement
- 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

\* 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.