

# NEITH DS

## DIGITAL DAY & NIGHT VISION RIFLE SCOPE



The Neith DS is a digital day & night vision scope developed for 24 hours operation in all ambient lighting conditions. This digital rifle scope has an advanced ultra-low light optical detector and 1920x1080 OLED display – providing full-color clarity in daytime and classic black & white viewing at night. The Neith supports multiple display modes including, day mode, night mode, defog mode, and more. The scope is equipped with built-in memory storage for video recording and image capture. A Wi-Fi module for live video streaming and video/ image recording via the AGM Connect application is also available.

A built-in long-range infrared illuminator provides advanced viewing capabilities and is ideally suited for operations in low-light / no-light conditions. One 18650 rechargeable battery provides long continuous operation. An external 5V power bank (battery pack) can be easily connected via a USB connector for a significant increase in operating time.

- 2560x1440 ultra-low light optical detector
- Supports Day/Night mode
- Detection range up to 400 m
- Built-in long-range IR illuminator
- On-board video recording and image capture
- Shot-Activated Recording
- 64 GB built-in EMMC memory
- Wi-Fi data transmission
- High-resolution OLED display
- Standby mode
- Replaceable and rechargeable Li-Ion battery
- External power supply capability
- Waterproof & shockproof
- 3-year warranty



Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.

## SPECIFICATIONS

<b>MAIN</b>	
Max. Resolution	2560 x 1440
Frame Rate	25 Hz
Magnification	2.5x - 20x
Lens (Focal Length)	32 mm
Aperture	F1.2
Field of View	8.1° x 6.1°
Minimal Focusing Distance	3 m
Detection Range	400 m (with IR 850 nm ON)
Display	0.49" OLED display, 1920x1080, 50 FPS
Exit Pupil	6 mm
Eye Relief	45 mm
Diopter Adjustment	-5 to +3
<b>SYSTEM</b>	
Image Mode	Day, Night, Auto, Defog
Digital Zoom	1x, 2x, 4x, 8x
PIP	Yes
Reticle	Yes
Video Recording	Yes (2560x1440, MP4)
Audio Recording	Yes
Shot-Activated Recording	Yes
Snapshot Capture	Yes (2560x1440, JPEG)
Storage	Built-in EMMC (64 GB)
Standby Mode	Yes
Freeze Zeroing	Yes
Ei-Fi Hotspot	Yes
<b>POWER SUPPLY</b>	
Battery Type	One 18650 Rechargeable Li-ion battery
Battery Operating Time	5.5 hours continuous running (@ 25°C, Hotspot, IR Emitter OFF)
Over V-oltage Protection	Yes
External Power Supply	5 VDC/2 A, USB Type-C interface
<b>GENERAL</b>	
Working Temperature	-30°C to 55°C (-22°F to 131°F)
Max. Recoil	750 g
Dimensions	217 x 70 x 87 mm (8.5 x 2.7 x 3.4 in)
Weight	465 g (1.03) oz without battery
Protection Level	IP67

Specifications are subject to change without notice.



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