

ATN X-Sight 4K Pro 5-20x

ATN X-Sight 4K Pro Day/Night Smart HD Ballistic Calculator Rifle Scope (5-20x)

Model: X-Sight 4K Pro 5-20x | Brand: ATN

1. INTRODUCTION

The ATN X-Sight 4K Pro is an advanced day and night vision rifle scope designed to provide superior optical performance and integrated smart features. This manual provides essential information for the proper setup, operation, and maintenance of your device, ensuring optimal performance and longevity.

2. KEY FEATURES

- **Ultra HD Sensor & OBSIDIAN IV Dual-Core Processor:** Experience realistic, high-definition images in all lighting conditions with the sensitive 4K Ultra HD sensor and the powerful OBSIDIAN IV dual-core operating system.
- **Full HD Video Recording:** Record and playback videos in 1080p resolution at 30, 60, or 120 frames per second.
- **One-Shot Zero:** Achieve quick and precise calibration of your device with a single shot.
- **Recoil Activated Video (RAV):** Automatically initiates video recording when recoil is detected, capturing the moments before and after your shot.
- **Smart Shooting Solution:** Automatically adjusts the reticle and calculates the correct point of impact based on target distance and environmental factors.
- **30mm Standard Tube:** Designed with a 30mm tube, allowing mounting with standard rings for optimal eye relief and weapon integration.
- **Smooth Zoom Wheel:** Facilitates faster and more precise target acquisition through intuitive zoom adjustment.
- **Extended Battery Life:** Enjoy over 18 hours of continuous use.

3. PACKAGE CONTENTS

Upon unboxing your ATN X-Sight 4K Pro, please verify that all the following items are included:

ATN X-SIGHT 4K PRO

Smart Ultra HD Day & Night Vision Rifle Scope

unboxing



Figure 3.1: Unboxing the ATN X-Sight 4K Pro. The image displays the complete package contents, including the ATN X-Sight 4K Pro rifle scope, its retail box, mounting rings, a soft carrying case, lens cloth, and various other accessories.

- ATN X-Sight 4K Pro Rifle Scope
- Mounting Rings (Standard 30mm)
- Soft Carrying Case
- USB-C Charging Cable
- Lens Cloth
- Quick Start Guide
- User Manual (this document)

4. SETUP

4.1 Mounting the Scope

The ATN X-Sight 4K Pro features a 30mm standard tube, allowing it to be mounted on your firearm using standard 30mm scope rings.

1. Securely attach the provided 30mm mounting rings to your firearm's rail system.
2. Place the ATN X-Sight 4K Pro into the rings, ensuring proper eye relief for your shooting posture.
3. Tighten the ring screws evenly to secure the scope, taking care not to overtighten.
4. Ensure the reticle is level before final tightening.



Figure 4.1: Scope mounting and controls. The scope features a 30mm standard tube for easy mounting and accessible control buttons.

4.2 Powering On

The device is powered by an internal battery providing over 18 hours of continuous use.

1. Press and hold the Power button (refer to Figure 4.1) for approximately 3 seconds until the ATN logo appears on the screen.
2. To power off, press and hold the Power button again until the shutdown prompt appears, then confirm.

ULTRA LOW POWER CONSUMPTION



RECOIL RESISTANT

Figure 4.2: Extended battery life and recoil resistance. The scope offers over 18 hours of continuous operation and is built to withstand recoil.

5. OPERATING INSTRUCTIONS

5.1 Day and Night Vision Modes

The ATN X-Sight 4K Pro seamlessly transitions between day and night vision modes, providing clear imagery in various lighting conditions.

- **Day Mode:** Provides crystal clear color images during daylight hours.
- **Night Mode:** Utilizes advanced sensors to light up the dark, offering enhanced visibility in low-light environments.

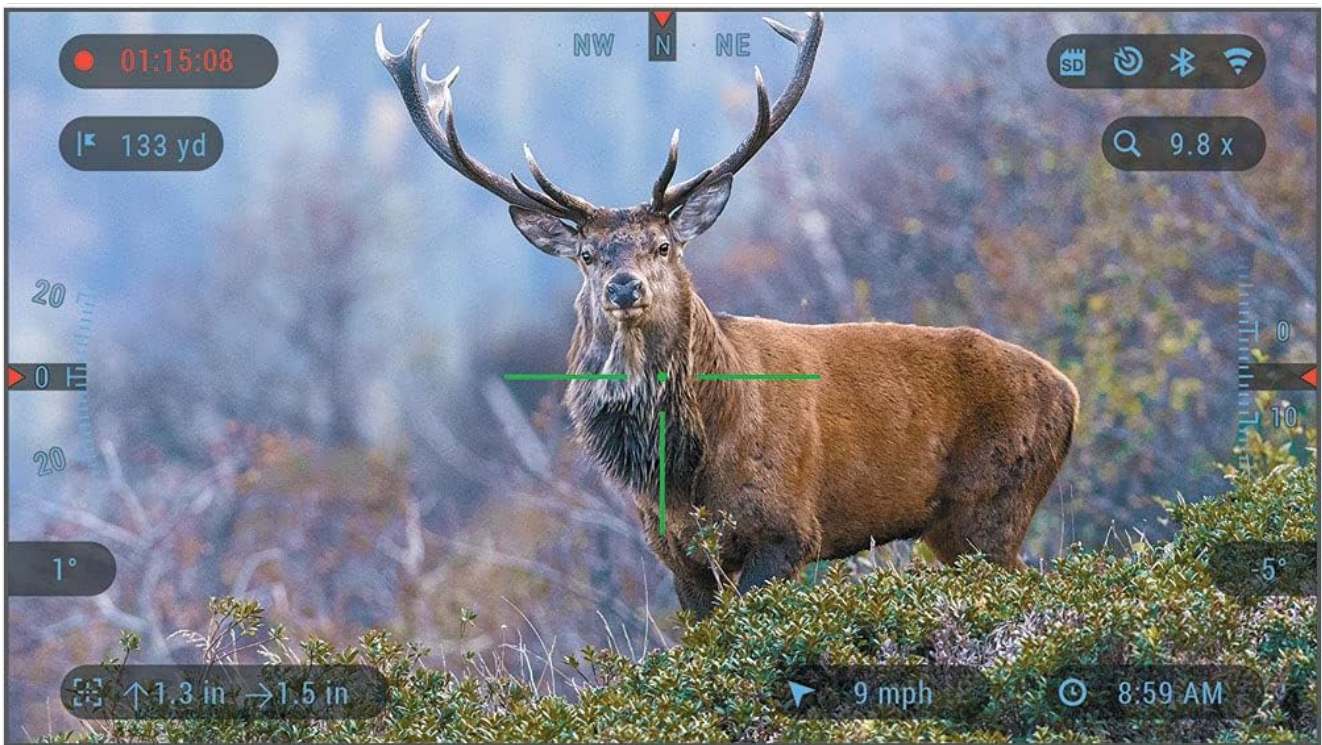


Figure 5.1: Day vision example. This image demonstrates the clear day vision capabilities of the ATN X-Sight 4K Pro, displaying a deer at 133 yards with various telemetry data such as wind speed and direction, and time.

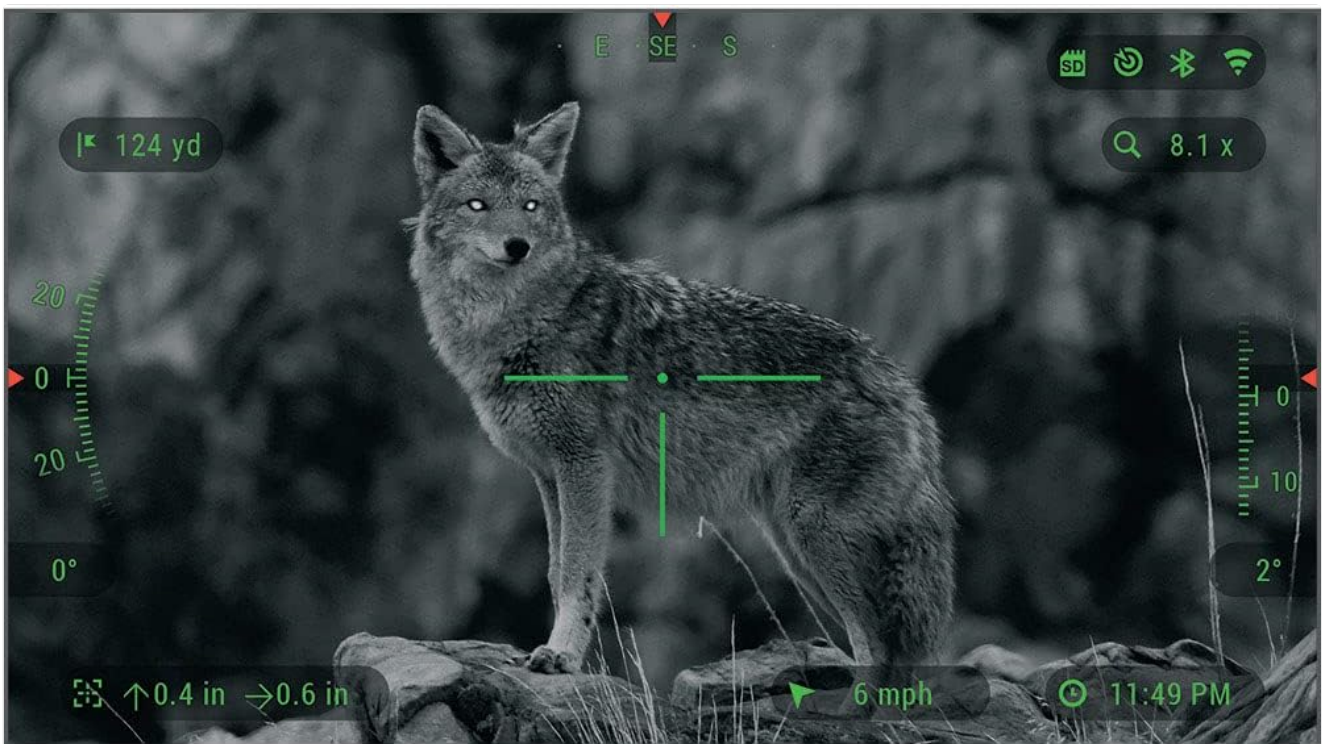


Figure 5.2: Night vision example. This image illustrates the night vision performance of the ATN X-Sight 4K Pro, capturing a coyote at 124 yards in low light conditions, complete with real-time environmental and ballistic information.

5.2 Zoom Adjustment

Adjust the magnification from 5x to 20x using the convenient zoom wheel located on the side of the scope. Rotate the wheel to smoothly increase or decrease the zoom level for precise target acquisition.

5.3 One-Shot Zero

The One-Shot Zero feature simplifies the zeroing process, allowing for quick and accurate calibration.

1. Mount the scope and power it on.
2. Fire a single shot at your target.
3. Using the scope's menu, activate the One-Shot Zero function.
4. Adjust the reticle to align with the point of impact of your shot.
5. Save the settings. Your scope is now zeroed.



Figure 5.3: One-Shot Zero in action. This image demonstrates how the One Shot Zero feature allows for quick and precise reticle adjustment after a single shot.

5.4 Smart Shooting Solution (Ballistic Calculator)

The integrated Smart Shooting Solution acts as a ballistic calculator, providing automatic adjustments for precise aiming.

- The system considers environmental factors such as wind speed, wind direction, temperature, barometric pressure, and altitude.
- It calculates the bullet's trajectory and adjusts the reticle to ensure the correct point of impact based on the target's distance.

- Input your ammunition's ballistic data into the scope for optimal accuracy.



Figure 5.4: Ballistic Calculator interface. This diagram illustrates how the Ballistic Calculator processes environmental data to predict bullet trajectory.

5.5 Video Recording (RAV)

The ATN X-Sight 4K Pro allows you to record your experiences in Full HD.

- **Manual Recording:** Press the dedicated record button to start and stop video recording.
- **Recoil Activated Video (RAV):** Enable RAV in the settings. The scope will automatically buffer video and save the footage before and after a shot is fired, ensuring you capture every critical moment.
- Videos are saved to a microSD card (not included). Ensure a high-speed card is inserted.

6. MEDIA INTEGRATION

6.1 Product Overview Video

Your browser does not support the video tag.

Video 6.1: ATN X-Sight 4K Pro Series Overview. This video provides a comprehensive overview of the ATN X-Sight 4K Pro, highlighting its key features such as the Ultra HD sensor, extended battery life, day/night modes, and full HD video recording capabilities.

7. MAINTENANCE

- **Cleaning Lenses:** Use the provided lens cloth or a soft, lint-free cloth to gently wipe the lenses. For stubborn smudges, use a specialized lens cleaning solution. Avoid abrasive materials.
- **Cleaning Body:** Wipe the scope's body with a damp cloth. Do not use harsh chemicals or solvents.
- **Storage:** Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the lens caps are on to protect the optics.
- **Battery Care:** For long-term storage, ensure the battery is partially charged (around 50%) to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the device using the provided USB-C cable. Ensure the charging indicator is active.
Poor image quality.	Dirty lenses; incorrect focus; environmental conditions.	Clean lenses with a soft cloth. Adjust the focus ring. Ensure sufficient ambient light for day mode or IR illumination for night mode.
Video recording not working.	No microSD card inserted; card full; card error.	Insert a compatible microSD card. Check available storage. Format the card if necessary (this will erase all data).
Reticle not accurate after zeroing.	Improper zeroing procedure; scope movement.	Repeat the One-Shot Zero procedure carefully. Ensure scope mounts are tight and stable.

9. SPECIFICATIONS

Feature	Detail
Brand	ATN
Model	X-Sight 4K Pro 5-20x
Color	Black
Material	Aluminum
Magnification	5x - 20x
Objective Diameter	30 Millimeters

Feature	Detail
Item Weight	940 Grams
Dimensions (L x W x H)	37.9 x 7.6 x 7.6 Centimeters
Compatible Devices	Rifle
Mounting Type	Dovetail Mount
Battery Life	18+ Hours (Continuous Use)
Video Recording	1080p @ 30/60/120 fps
UPC	726798115657
ASIN	B09FY58XPW

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ATN website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: ATN EUROPE