

SiOnyx Aurora Pro Explorer

SiOnyx Aurora PRO Color Digital Night Vision Camera Instruction Manual

Model: Aurora Pro Explorer

INTRODUCTION

This instruction manual provides comprehensive guidance for the setup, operation, maintenance, and troubleshooting of your SiOnyx Aurora PRO Color Digital Night Vision Camera. The Aurora PRO is designed for advanced digital night vision recording, offering exceptional low-light capabilities for commercial and recreational outdoor enthusiasts. With its moonless starlight sensitivity, GPS, compass, and robust construction, the Aurora PRO enhances situational awareness and allows for crisp video capture even in challenging nighttime conditions. Please read this manual thoroughly to ensure optimal performance and longevity of your device.

WHAT'S IN THE BOX

The SiOnyx Aurora PRO Explorer Kit includes the following components:

WHAT'S IN THE BOX

Aurora PRO Explorer Kit

Hardshell waterproof case

940 nm IR Illuminator

32 GB microSD card

USB charge/data cable

2 camera batteries
& external charger

Rechargeable batteries
& external battery
charger for Illuminator



SIONYX

Image: The SiOnyx Aurora PRO Explorer Kit, showcasing the camera, its hardshell waterproof case, a 940 nm IR illuminator, a 32 GB microSD card, two camera batteries with an external charger, and rechargeable batteries with an external charger for the illuminator.

- SiOnyx Aurora PRO Color Digital Night Vision Camera
- Hardshell Waterproof Case
- 940 nm IR Illuminator
- 32 GB MicroSD Card
- 2 Camera Batteries & External Charger
- Rechargeable Batteries & External Battery Charger for Illuminator
- USB Charge/Data Cable

SETUP

1. Initial Charging

Before first use, fully charge the camera batteries and the illuminator batteries using the provided external chargers. Connect the chargers to a suitable power source. The charging indicator lights will typically change color or turn off

when charging is complete.

2. MicroSD Card Installation

Locate the microSD card slot on the camera. Insert the provided 32 GB microSD card into the slot until it clicks into place. Ensure the card is oriented correctly to avoid damage. The camera supports up to 256 GB of storage.

3. Mobile App Connectivity

For wireless control and video streaming, download the official SiOnyx Aurora mobile app from your device's app store. Follow the in-app instructions to connect your Aurora PRO camera via Wi-Fi. This allows for remote viewing, recording, and settings adjustments.



Image: The SiOnyx Aurora PRO camera demonstrating wireless connectivity with a mobile phone, enabling remote control and live video streaming.

OPERATING INSTRUCTIONS

1. Power On/Off

To power on the Aurora PRO, press and hold the power button until the display illuminates. To power off, press and hold the power button again until the device shuts down.

2. Basic Recording

Once powered on, the camera is ready to capture images or videos. Use the designated buttons on the camera body or the mobile app interface to switch between photo and video modes and to start/stop recording. The camera offers exceptional recording functionality even in moonless starlight conditions.



Image: A detailed view of the SiOnyx Aurora PRO camera, highlighting its compact design and controls for digital night vision operation.

3. Night Vision Enhancement

The Aurora PRO utilizes advanced sensor technology to provide clear color night vision. For extremely dark environments, activate the included 940 nm IR Illuminator to enhance visibility. The camera's 44° field of view provides broad situational awareness.

The Difference Is Night and Day

See well beyond human eyesight
with your mobile phone or tablet.



Image: Demonstrating the "Night and Day" difference, showing a smartphone displaying a clear night vision image captured by the SiOnyx Aurora PRO, allowing users to see beyond normal human eyesight.

4. GPS and Compass Functionality

The integrated GPS and compass features assist with navigation and geotagging of your recordings. Refer to the on-screen display or the mobile app for real-time positional data and directional information.

5. Mounting Options

The Aurora PRO is versatile and can be used handheld or mounted using various camera mount systems, such as a Picatinny mount. Ensure any mounting system is securely attached to prevent damage to the device.

Versatile Use

Record by hand or using a variety of sturdy camera mount systems.



Image: The SiOnyx Aurora PRO camera shown mounted, illustrating its versatile use with various camera mount systems for stable recording.

MAINTENANCE

1. Cleaning

To clean the camera body, use a soft, damp cloth. For the lens, use a specialized lens cleaning cloth and solution to avoid scratches. Do not use abrasive cleaners or solvents.

2. Storage

When not in use, store the Aurora PRO in its hardshell waterproof case in a cool, dry place. Remove batteries if storing for extended periods to prevent leakage.

3. Battery Care

Always use the provided chargers and batteries. Avoid overcharging or completely draining the batteries. Store batteries in a cool, dry place. If batteries are not used for a long time, charge them periodically to maintain their

health.

4. Weather Resistance

The SiOnyx Aurora PRO is designed to be safe against water, dust, and extreme temperatures, operating effectively from -20°C to +50°C. While rugged, avoid prolonged submersion or exposure to harsh chemicals.



Image: The SiOnyx Aurora PRO camera shown in a snowy, wet environment, emphasizing its weather-resistant construction designed for recording in extreme conditions.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------|--|---|
| Camera does not power on. | Low or dead battery; battery not inserted correctly. | Charge the battery fully. Ensure battery is inserted with correct polarity. |

| Problem | Possible Cause | Solution |
|----------------------------------|--|--|
| Poor image quality in low light. | IR Illuminator off; environmental conditions too dark; lens dirty. | Ensure IR Illuminator is on and charged. Clean the lens. Adjust camera settings for optimal low-light performance. |
| Cannot connect to mobile app. | Wi-Fi off on camera/phone; incorrect Wi-Fi password; app outdated. | Ensure camera Wi-Fi is enabled. Check Wi-Fi settings on your phone. Update the SiOnyx Aurora app. Restart both devices. |
| Recording stops unexpectedly. | MicroSD card full; battery low; European regulation recording limit. | Delete old files or replace microSD card. Charge battery. Note that recording length may be limited to around 30 minutes due to certain regulations. |

If you encounter issues not listed here or require further assistance, please contact SiOnyx customer support.

SPECIFICATIONS

| Feature | Detail |
|-------------------------|---|
| Brand | SiOnyx |
| Model Name | Aurora Pro Explorer |
| Model Number | K011400 |
| Color | Aurora Pro Explorer |
| Item Weight | 16 ounces |
| Material | Plastic |
| Objective Lens Diameter | 16 Millimeters |
| Magnification Minimum | 2 x |
| Compatible Devices | Camera |
| Mounting Type | Picatinny Mount |
| Night Vision | Yes |
| Storage | Up to 256 GB (32 GB MicroSD card included) |
| Operating Temperature | -20°C to +50°C |
| Field of View | 44° |
| Connectivity | Wireless and Wi-Fi streaming via SiOnyx Aurora mobile app |
| UPC | 811251020071 |

WARRANTY AND SUPPORT

The SiOnyx Aurora PRO Color Digital Night Vision Camera is manufactured by SiOnyx. For specific warranty details,

including coverage period and terms, please refer to the warranty card included with your product or visit the official SiOnyx website. Standard manufacturer warranties typically cover defects in materials and workmanship. For technical support, troubleshooting assistance, or warranty claims, please contact SiOnyx customer service directly. Contact information can usually be found on the manufacturer's website or in the product packaging.

Note: Extended protection plans may be available for purchase separately. These plans are offered by third parties and are not part of the standard manufacturer's warranty.

IMPORTANT LEGAL DISCLAIMER

As per product information, please be aware of the following legal disclaimer:

YOU MUST BE 18 YEARS OR OLDER TO BUY ANY AIR GUN OR AIR RIFLE IN OUR STORE. We do NOT and can NOT ship airguns or bb guns to New York City and its boroughs (Manhattan, Brooklyn, Bronx, Queens, Staten Island, these zip codes are: 100xx-104xx, 110xx, 112xx-114xx, 116xx), the city of Philadelphia, PA and Washington DC. Residents of Chicago, IL cannot buy CO2 powered rifles, pistols or revolvers directly from us. Residents of New Jersey can buy bb guns through a designated local gun store after acquiring an Airgun Permit. Shipping is restricted into the states of California, Connecticut, Chicago, District of Columbia, Delaware, New Jersey, New York, and Philadelphia, DE, IL, NJ and MA, as well as the following cities/districts: PHL, CHI, NYC, DC, Bridgeport CT, and Stratford CT.


(Note: This disclaimer is provided as part of the product's original information and is included for completeness, though the product is a camera and not an air gun.)

OFFICIAL PRODUCT VIDEOS

No official product videos with "creator_type":"Seller" were found in the provided data.

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Documents - SiOnyx – Aurora Pro Explorer

 cliftoncameras

Sionyx Aurora Pro Explorer Edition Specifications

[Sionyx Aurora Pro Explorer](#)

Specifications

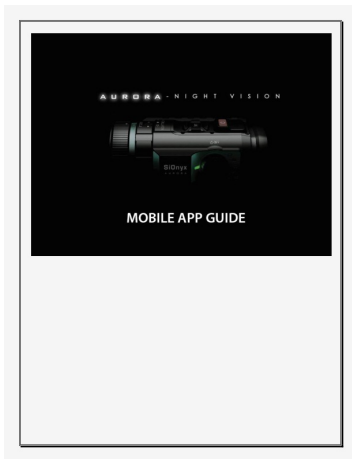
| | |
|-----------------------------------|-------------------------------|
| MAN-SIZED TARGET AT 1/4 MOON | 150M |
| NIGHT VISION CAPABILITIES | >1MLX MOONLESS STARLIGHT |
| DIGITAL MAGNIFICATION | 1X - 3X |
| DIOPTER ADJUSTMENT | -4 TO 4 |
| FOCUS RANGE | .3M TO INFINITY |
| MICRO VIDEO | 1080 X 1700 |
| EXT. RES. 1 | 7.5MM - 20MM |
| WEIGHT | 274G |
| VISIBLE SPECTRUM | 400 - 1000NM |
| ENVIRONMENTAL | |
| WATER PROTECTION | IP67 WATER-RESIST - RESISTANT |
| IMPACT RESISTANCE (1.5M CONCRETE) | |
| TEMPERATURE RANGE | -40C - 55C |
| OPERATION | |
| WIFI ENABLED | |
| 2X BATTERY LIFE | |
| 16MM F1.8 LENS | |
| FRAME RATE | 60 FPS |
| TEMP. AND VIDEO | |
| STORAGE CAPACITY | 256GB |
| MICRO SD INCLUDED | 32GB |
| CAMERA BATTERIES INCLUDED | 2 |

[\[pdf\]](#) Specifications

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Sionyx **Aurora Pro Explorer** Edition Specifications Specifications Sionyx **Aurora Pro Explorer** SYSTEM MAN-SIZED TARGET AT 1/4 MOON : 150M NIGHT VISION CAPABILITIES: 1 MLX, MOONLESS STARLIGHT DIGITAL MAGNIFICATION: 1X - 3X DIOPTER ADJUSTMENT: -4 TO 4 FOCUS RANGE: .3M TO INFINITY MICRO O...

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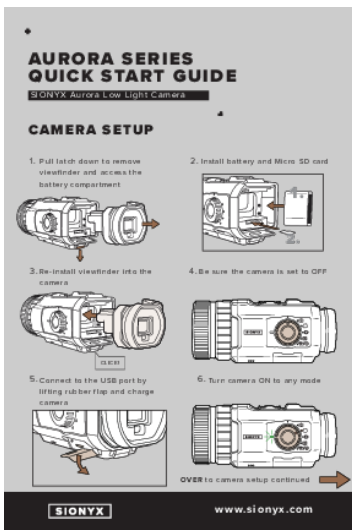
[\[pdf\]](#) User Manual Installation Guide Instructions Specifications Guide

William Bobrowski Mobile App Guide Aurora PRO Explorer SIONYX Product Specifications mobile app guide for Android and iOS 2 13 2019 v 1674648707 cdn shopify s files 1 0146 9199 1616 |||

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Connecting your Smart Device to Aurora

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[\[pdf\]](#) Quick Start Guide Installation Guide Guide

Aurora Quick Start indd AURORA SERIES QUICK START GUIDE opplanet sionyx aurora pro explorer night vision monocular black k011400 main 3 op1 0ps us

AURORA SERIES QUICK START GUIDE SIONYX Aurora Low Light Camera
CAMERA SETUP 1. Pull latch down to remove viewfinder and access the battery compartment 2. Install battery and Micro SD card 1. 3. Re-install viewfinder into the camera 2. 4. Be sure the camera is set to OFF CLICK 5. Connect to the...

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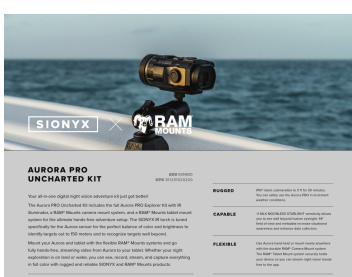
[\[pdf\]](#) Specifications Accessories

Product Specifications Aurora PRO Explorer SIONYX Kit SellSheet Revised 12 19 22 v 1674583685 cdn shopify s files 1 0146 9199 1616 |||

AURORA EXPLORER KIT AURORA PRO IR ILLUMINATOR KIT S K U K011400 U P C 811251020071 The SIONYX Aurora PRO Explorer Edition is our top-of-the-line kit.

This kit includes our most advanced camera, The SIONYX Aurora PRO and all the accessories for optimal performance, including: a 940nm IR Illumina...

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Spec Sheet Sionyx Aurora Pro Uncharted Kit K014000 Kenzie s Optics SIONYX PRO SellSheet Revised 12 19 22 v 1674565633 cdn shopify files 1 0146 9199 1616 |||

AURORA PRO UNCHARTED KIT S K U K014000 UPC 811251020200 Your all-in-one digital night vision adven ... y, function, design, or otherwise. Visit SIONYX.COM for up-to-date documentation. WHAT S INCLUDED **AURORA PRO EXPLORER KIT** Aurora PRO color digital night vision camera Hardshell waterproof case 94...

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[pdf] Guide

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The 2023 SIONYX Summer Nights Promotion includes: Summer Nights Promotion 200 OFF* AURORA PRODUCTS ... pplies last. ** Full terms conditions at www.sionyx.com/summernights AURORA EXPLORER KIT K010500 **AURORA PRO EXPLORER KIT K011400 AURORA BLACK EXPLORER KIT K013800 AURORA PRO UNCHARTED KIT K014000 A...**

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[pdf] Accessories

SIONYX Sell Sheet Pro Case indd GoRugged features weapons rated 223 5 56 * gps compass metadata time location recoil activated capture accelerometer 940nm ir illuminator rail mount sionyx sell sheet pro case gorugged co za file 60bdce8da7da9 |||

PRO-KIT FULL COLOR NIGHT VISION The SIONYX **Aurora Pro Explorer** Edition is our top of the line kit. This kit includes our most advanced camera, The SIONYX Aurora Pro and all of our favorite accessories including: a 940nm IR Illuminator, picatinny rail mount for the IR illuminator, rechargeable batte...

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NCSA Sionyx Build Pages

| Model | Group | SKU | MSRP | NCSA Price | NCSA Fee | Total* | Discount |
|---------------------|---------------------|--------|------------|------------|----------|------------|----------|
| Highway | Firearm Accessories | C01000 | \$1,595.00 | \$1,499.00 | \$11.24 | \$1,510.24 | 6.00% |
| GPS | Firearm Accessories | C01040 | \$2,995.00 | \$2,699.00 | \$19.08 | \$2,718.08 | 6.00% |
| Aurora Pro | Firearm Accessories | C01040 | \$499.00 | \$457.04 | \$4.91 | \$461.95 | 6.00% |
| Aurora Pro Explorer | Firearm Accessories | C01100 | \$899.00 | \$839.04 | \$7.64 | \$846.68 | 6.00% |
| Firearm Rail Mount | Firearm Accessories | K01240 | \$1,249.00 | \$1,174.04 | \$6.81 | \$1,180.85 | 6.00% |
| Illuminator Kit | Firearm Accessories | K01250 | \$249.00 | \$234.04 | \$1.74 | \$235.78 | 6.00% |

*Shipping and handling not included & subject to change.

[pdf] Accessories Catalog

NCSA Catalog Listing Workbook.xlsx fembo USDGI Sionyx Build Sheet myvendorlink external vfle d vrf s 141727 v 90425 sv 0 i 61 ft b |||

NCSA Sionyx Build Pages Model Group Sionyx Catalog Discounts SKU MSRP NCSA Price NCSA Fee Tot ... N Firearm Accessories Aurora Black Firearm Accessories Aurora PRO Firearm Accessories Firearm **Aurora Pro Explorer** Accessories Picatinny Rail Mount Firearm Accessories Illuminator Kit Firearm ...

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