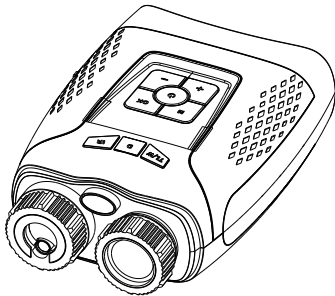


AI Full Color Binoculars

User Guide



naitmoo™

Product Model: C5C



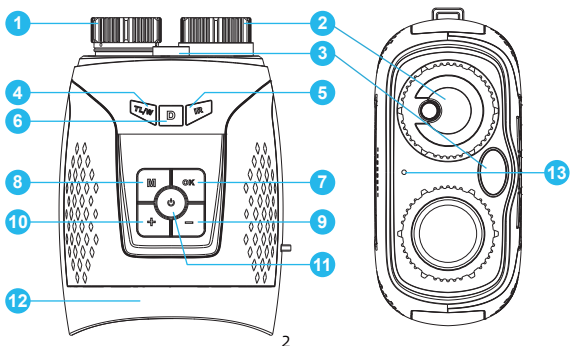
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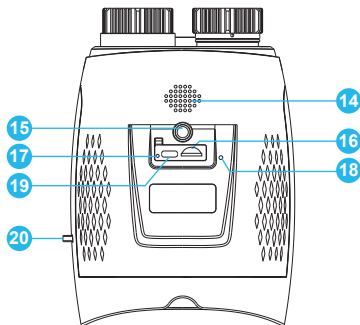
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Product Introduction

The AI Full-Color Binoculars are equipped with a new-generation, independently developed AI full-color night vision algorithm, pioneering a new category of “zero-light full-color” imaging. This breakthrough greatly enhances adaptability across diverse application scenarios. Whether for wildlife observation, outdoor exploration and camping, marine navigation, professional security patrols, nighttime equipment inspections, or search and rescue missions — it delivers exceptional performance, allowing you to see a vivid, full-color world even in complete darkness.

Product Appearance and Interfaces





No.	Function Module	Description
1	Focus Knob	Rotate left/right to adjust lens clarity
2	Laser Ranging Module	Laser ranging function. Do not aim at eyes/face/people, avoid direct aiming at smooth walls, glass, metal and mirror surfaces to prevent eye or personal injury
3	White Light / Infrared Light Module	Visible/infrared light fill-in illumination

4	White Light / Strobe Light button	In preview mode/recording mode/power-off state: 1. single press to turn on/off the tactical light; 2. double press quickly to activate strobe light, single press to turn off;
5	Infrared Light Button	In preview/recording mode: single press to turn on/off infrared light
6	Backlight / Laser Ranging Button	1. In preview/recording mode: double press to start laser ranging, single press to close 2. Single press to turn on/off key backlight when powered on
7	OK / Photo / Recording Button	1. In preview mode: single press to take photos; double press to start recording, single press again to stop 2. In menu mode: act as confirm key to select and set parameters 3. In video playback mode: confirm and play selected video files

8	Menu Button	1. In preview mode, single press to switch main menu: 1st press enter menu; 2nd press enter menu page 2; 3rd press exit menu; 2. In playback mode: single press to open delete menu for file deletion and protection
9	Zoom Out / Down Button	1. In preview/recording mode: zoom out 2. In photo playback/video playback mode: move down by single press
10	Zoom In / Up Button	1. In preview and recording mode: zoom in 2. In photo playback and video playback mode: move up by single press
11	Power Button	1. Long press for 3 seconds to power on/off 2. Single press to switch among preview mode, video playback and photo playback mode
12	Screen Window	Visual display window for telescope imaging
13	Microphone	Built-in recording function, synchronously records audio during video recording

14	Speaker	Audio playback output
15	1/4 Standard Nut Hole	Interface for fixing tripod
16	Memory Card Slot	Slot for inserting and removing memory card
17	Charging Indicator Light	1. Charging: Red light steady on; 2. Fully charged: Green light steady on;
18	Reset Key	Press to restore the system to factory default settings
19	Charging Port	1. 5V/2A charging interface 2. Connect to computer via USB cable to read and copy photos and videos directly
20	Lanyard Hole	For lanyard installation, easy portable carrying

- WiF Mode: When connecting to IOS/Android APP, Please go into menu mode and open WiFi function,Then follow connecting instructions on Home page.

- APP download QR code:



- Please charge before use to avoid low-battery issues.
- For full functionality, insert an SD card first.
- Close the interface protective cover after charging or SD card insertion/removal to prevent dust and moisture ingress..
- Keep in a cool, dry place. Sudden temperature or humidity changes can cause lens fogging and condensation.

Product Features

AI Full Color Binoculars - See in the dark, in full color. Your reliable partner for any tough environment, combining smart tech with rugged design.

- **AI Full-Color Technology**

See clear color images in near-total darkness - no extra light needed. Perfect for night patrols, equipment checks, and outdoor adventures.

- **High-Precision Laser Ranging Technology**

Equipped with high-precision infrared laser ranging module, supports 5m-600m long-distance measurement, stable operation day and night in all environments. Complies with international Class 1 eye-safe laser standard, suitable for outdoor exploration, hunting, mountaineering and other scenarios.

- **50000mAh Battery**

5000mAh battery lasts MAX 12 hours on a single charge - no power worries during long tasks.

Specifications

Core Params	Mini Illuminance	Full-color night vision, minimum 0.001 Lux
	Max Resolution	2560x1440
	Video Frame Rate	30fps, Dynamic adjustment
	AI ISP	Full-color night vision AI algorithm
	Electronic Anti-shake (optional)	Supported
	Focusing Method	Manual Focusing
	Digital Zoom	8x
	Viewing Distance	MAX 1KM during the day; MAX night vision 500m.

Lens	Aperture	F1.0
	Focal Length	Fixed 25mm
	Field Angle	DFOV:21°, HFOV:17°, VFOV:10°
	Day/Night Mode	Color/B&W mode, manual switching
Screen	Screen Size	3 inches
	Screen resolution	854*480
Functions	Photo / Video	Supported
	Photo Resolution	2560x1440;1920x1080;
	Video Resolution	2560x1440;1920x1080;
	Album/Video Playback	Supported
	Memory Capacity	TF card, support up to 128GB
	Data Transmission	USB OTG (data and file transfer)
	Tactical Light	White light lamp, supports flashlight/burst flash mode
	Infrared Lamp	Supported
General	Battery type	5000mAh, maximum battery life 12 hours
	Charging	USB-C, 5V2A charging
	Charging Protection	Overcharge and short circuit protection
	Operating temperature	-20~+60 °C
	Net Weight	Approx. 551g

Package List

1 × AI Full Color Binoculars	1 × Shoulder Carry Bag	1 × User Guide
1 × Power Cable	1 × Bag Shoulder Strap	1 × Wrist Strap
	1 × Lens Cleaning Cloth	1 × Packaging Box

Safety Instructions



- This device contains a rechargeable lithium battery. Do not disassemble or expose to strong impact. Stop use immediately and contact the manufacturer if the battery shows any abnormality.
- Only use the certified charging cable power adapters. Do not charge near heat sources or in humid conditions to prevent electric shock, fire, or explosion.
- Charge between 0°C and 40°C. Extreme temperatures may prevent charging, damage the battery, or shorten its lifespan.

- Store the device between -10°C and 45°C. If unused for extended periods (e.g., one month), recharge regularly to prevent battery damage from over-discharge. Note: Low battery level, cold, or hot conditions can accelerate this damage.
- Do not shine the infrared or tactical light directly into eyes, as this may cause permanent vision damage or photosensitivity Diseases.
- Avoid pointing the device at the sun or intense light sources to prevent eye injury or damage to the product.

Warranty Terms

Thank you for choosing our product!

We are dedicated to delivering reliable quality and service. Please review the warranty terms below.

Warranty Coverage

Free repair or replacement service is provided for eligible products and components within the warranty period (0-12 months, depending on product type). For details, contact your reseller or our official support team. Local regulations may affect specific terms.

Warranty Claim Requirements

To request service, please provide:

- This warranty certificate

- The original purchase invoice, order record, or valid proof of purchase (clearly indicating the purchase date)

Claims without valid proof may not be accepted.

The following cases are not eligible for free warranty service

- Damage caused by misuse, accidents, or operation outside the User Guide instructions
- Unauthorized disassembly, modification, or repair
- Damage from natural disasters or other force majeure events
- Normal wear and tear, surface scratches, or color fading
- Invalid, altered, or mismatched warranty documents
- Any failure not related to product design or manufacturing quality

Disclaimer

- The warranty terms in this guide are your exclusive legal rights and replace all other warranties. Our maximum responsibility is limited to repairing or replacing the product. We are not liable for any indirect losses resulting from product use, including data loss or profit loss.
- Due to product improvements, supply chain changes, and testing variations, the actual product's appearance, software, features, and specifications may differ from this guide. Please refer to the physical product. For the latest information, contact your point of purchase.

Company

Brand Owner: Heisendall International Ltd

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Chung, N.T., Hong Kong

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MADE IN CHINA

FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- _ Reorient or relocate the receiving antenna.
- _ Increase the separation between the equipment and receiver.
- _ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- _ Consult the dealer or an experienced radio/TV technician for help.