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› Fueiyita 5K Full Color Night Vision Binoculars User Manual

Fueiyita N016

Fueiyita 5K Full Color Night Vision Binoculars User Manual

Model: N016

INTRODUCTION

Thank you for purchasing the Fueiyita 5K Full Color Night Vision Binoculars. This device is engineered to provide exceptional clarity and detail in various lighting conditions, from twilight to complete darkness. Equipped with advanced optical and digital technologies, it is an ideal tool for outdoor enthusiasts, security personnel, and anyone requiring enhanced visual capabilities at night.

Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance and lifespan. Keep this manual for future reference.

PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included and in good condition:

- Full-color Night Vision Camera ×1
- Neck Strap ×1
- 32GB Memory Card ×1
- Data Cable ×1
- Card Reader ×1
- Japanese Instruction Manual ×1 (English translation provided in this document)



Figure 1: Fueiyita 5K Night Vision Binoculars with included accessories: neck strap, 32GB memory card, data cable, and card reader.

KEY FEATURES

The Fueiyita 5K Full Color Night Vision Binoculars offer a range of advanced features for superior performance:

- **5K Full-Color Night Vision:** Capable of capturing images up to 50 million pixels and videos at 5120x2592@20fps.
- **Sony Photosensitive Sensor:** Equipped with a Sony ultra-high sensitivity image sensor and a large aperture F1.8 lens, enabling clear vision in extremely low-light conditions (down to 0.3 lux).
- **Adjustable Infrared Light:** Infrared light can be adjusted in 5 levels according to ambient brightness, enhancing night vision and target clarity.
- **4-inch OLED Display:** Features a large, self-luminous OLED screen with professional-level color calibration for realistic and vibrant images.
- **178° Wide Field of View:** Provides an overwhelmingly wide perspective for comprehensive observation.
- **10x Digital Zoom Function:** Maintains image clarity even when magnified, ensuring high-resolution photos.
- **Versatile Applications:** Suitable for various activities including camping, hunting, survival games, night fishing,

security, and wildlife observation.

- **Included 32GB Memory Card:** Allows for immediate storage of captured photos and videos.

フルカラー暗視カメラ



Figure 2: Overview of key features on the night vision binoculars.

SETUP

Follow these steps to set up your night vision binoculars for first use:

1. **Charge the Device:** Connect the provided data cable to the binoculars' USB port and the other end to a USB power adapter (not included) or a computer. The charging indicator will show the charging status. Ensure the device is fully charged before first use.
2. **Insert Memory Card:** Locate the memory card slot, typically on the side or bottom of the device. Insert the included 32GB memory card with the gold contacts facing the correct direction until it clicks into place.
3. **Attach Neck Strap:** Securely attach the neck strap to the designated attachment points on the binoculars to prevent accidental drops during use.

4. **Power On:** Press and hold the power button (usually marked with a power symbol) for a few seconds until the display screen illuminates.



Figure 3: Connecting the device to a PC for data transfer.

OPERATING INSTRUCTIONS

This section details how to operate your night vision binoculars for optimal performance.

Basic Operation

- **Power On/Off:** Press and hold the power button to turn the device on or off.
- **Mode Selection:** Use the 'MODE' button to switch between different modes (e.g., Photo, Video, Playback).
- **Menu Navigation:** Press the 'MENU' button to access settings. Use the navigation buttons (up/down/left/right) to browse options and the 'OK' button to confirm selections.

Focusing

To achieve a clear image, manual focusing is required based on the distance to your target.

1. Point the binoculars at your desired target.
2. Gently rotate the focus ring on the lens until the image on the display becomes sharp and clear. Adjust slowly for precise focus.



Figure 4: Manual focus adjustment for clear images.

Infrared (IR) Adjustment

The infrared light can be adjusted to enhance visibility in varying degrees of darkness.

- In night vision mode, press the 'IR' button to cycle through 5 levels of infrared illumination.
- Higher IR levels provide brighter illumination but may consume more battery. Adjust according to ambient light conditions for optimal viewing.

フルカラーナイトビジョンとモノクロナイトビジョン

フルカラーナイトビジョンとモノクロナイトビジョンの切り替えが可能。
850nmの高出力8Wの赤外線照明器を搭載しています。



Figure 5: Infrared light level adjustment for enhanced night vision.

Zoom Function

The device features a 10x digital zoom.

- Use the zoom in/out buttons (often marked with '+' and '-') to adjust the magnification.
- While digital zoom can magnify the image, excessive zooming may reduce image quality.

Capturing Photos and Videos

- **Photo Mode:** Switch to photo mode using the 'MODE' button. Press the 'SHOT' button to capture a still image.
- **Video Mode:** Switch to video mode using the 'MODE' button. Press the 'SHOT' button once to start recording and again to stop recording.

Playback

To review captured media:

- Switch to playback mode using the 'MODE' button.
- Use the navigation buttons to scroll through your photos and videos.
- Press 'OK' to view a selected item or play a video.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your night vision binoculars.

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses to clean the objective and eyepiece lenses. Avoid using abrasive materials or harsh chemicals.
- **Cleaning Body:** Wipe the body of the binoculars with a soft, damp cloth. Do not use solvents or strong detergents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the memory card and ensure the battery is partially charged (around 50%) to preserve battery health.
- **Avoid Impact:** Protect the device from drops and strong impacts, which can damage internal components.

TROUBLESHOOTING

If you encounter issues with your device, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery; Power button not pressed long enough.	Charge the device fully; Press and hold the power button for 3-5 seconds.
Image is blurry.	Incorrect focus; Dirty lens.	Adjust the manual focus ring; Clean the lens with an optical cleaning cloth.
No image in dark conditions.	IR light off or too low.	Increase the IR light level using the 'IR' button.
Cannot record photos/videos.	Memory card full or not inserted correctly; Incorrect mode.	Check memory card insertion; Delete old files or replace card; Ensure device is in Photo or Video mode.
Display is dim or flickering.	Low battery; Display settings.	Recharge the battery; Check display brightness settings in the menu.

If the problem persists after trying these solutions, please contact customer support.

SPECIFICATIONS

Detailed technical specifications for the Fueiyita 5K Full Color Night Vision Binoculars:

Feature	Detail
Brand	Fueiyita
Model Name	N016
Screen Size	4 inches
Zoom Magnification (Digital)	10x

Feature	Detail
F-value (Wide-angle side)	1.8 f
Type	Night Vision Binoculars
Lens Configuration	Zoom
Accessories	Camera body
Motor Type	Digital Zoom
Battery Included	Yes
Package Dimensions	24.1 x 15.7 x 7.9 cm; 690 g
Manufacturer Reference	qcys-N016-0523
ASIN	B0D4YQD6PC
Photosensor Technology	CMOS
Video Capture Resolution	5K
Maximum Aperture Value	1.8 f
Video Capture Format	AVI
Connectivity Technology	Wired
Features	Portable



Figure 6: Comparison of video resolutions, demonstrating 5K clarity.

WARRANTY AND SUPPORT

This product comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For any questions, concerns, or technical support regarding your Fueiyita 5K Full Color Night Vision Binoculars, please do not hesitate to contact our customer service team. We are committed to providing prompt and helpful assistance.

Please refer to your purchase documentation or the seller's contact information for specific support channels.

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