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› Night Vision Scope for Hunting User Manual

YWYLL Digital night vision scope

YWYLL Digital Night Vision Scope User Manual

Model: Digital night vision scope

INTRODUCTION

The YWYLL Digital Night Vision Scope is an advanced optical device designed to enhance visibility in low-light and complete darkness conditions. Utilizing 1080P high resolution and 940nm invisible IR wavelength, it allows for clear observation up to 300 meters in full darkness. This device is ideal for nature observation, wildlife monitoring, and outdoor activities requiring enhanced night vision capabilities. It features smartphone connectivity via Wi-Fi and built-in storage for photo and video recording.



Image: The YWYLL Digital Night Vision Scope, showing its main body, objective lens, eyepiece, control buttons, and integrated IR illuminator.

KEY FEATURES

- **Long Viewing Distance:** Features x1-x4 digital zoom and 4.6x base optical magnification, with a 940nm invisible IR wavelength, extending night vision range up to 300 meters in complete darkness.
- **Sharp Photos and Videos Recording:** Equipped with 1080P resolution and a 0.38" OLED display (854x480 pixels) for clear images. Includes a built-in 32GB TF card for capturing videos and photos.
- **High-Resolution Image:** Provides both day and night vision, with colored images in daylight/low-light and black and white images in complete darkness.
- **WIFI Function/APP:** Allows connection to a smartphone via Wi-Fi for real-time image viewing on a larger screen, reducing eye fatigue.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and in good condition:

- 1x YWYLL Digital Night Vision Scope
- 1x Type-C Charger
- 1x User Manual (this document)

SETUP GUIDE

1. Charging the Device

Before first use, fully charge the night vision scope. Connect the provided Type-C charger to the charging port on the device and plug it into a power source. The charging indicator will show the charging status.

2. Powering On/Off

- **To Power On:** Press and hold the power button (usually marked with a power symbol) for a few seconds until the display illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

3. Mounting (Optional)

The scope features a tripod mount. If desired, attach the device to a compatible tripod for stable observation. Ensure the mount is securely fastened.

OPERATING INSTRUCTIONS

1. Adjusting Focus and Zoom

- **Eyepiece Focus:** Rotate the diopter adjustment ring on the eyepiece until the display appears sharp and clear to your eye.
- **Objective Lens Focus:** Rotate the objective lens focus ring to bring the distant object into sharp focus.
- **Digital Zoom:** Use the designated zoom buttons (often marked with '+' and '-') to adjust the digital magnification from x1 to x4.

2. Activating Infrared (IR) Illuminator

In low-light or complete darkness, activate the built-in 940nm IR illuminator. Press the IR button (often marked with an IR symbol or light bulb) to cycle through different IR intensity levels or to turn it off. The 940nm wavelength is invisible to the naked eye, providing discreet illumination.

3. Photo and Video Recording

- **Taking Photos:** Press the photo button (often marked with a camera icon) to capture a still image.
- **Recording Videos:** Press the video button (often marked with a video camera icon) to start recording. Press it again to stop recording.
- All captured media is stored on the built-in 32GB TF card.

4. Wi-Fi Connectivity and APP Usage

To connect the scope to your smartphone:

1. Download the dedicated application for the YWYLL Digital Night Vision Scope from your smartphone's app store.
2. Turn on the Wi-Fi function on the night vision scope (refer to the device's menu for the Wi-Fi activation option).
3. On your smartphone, go to Wi-Fi settings and connect to the network broadcasted by the night vision scope (the network name will typically start with the device model or brand).
4. Open the installed application. You should now see a real-time view from the scope on your smartphone screen. The app may also allow for remote control of recording functions and settings adjustments.

MAINTENANCE

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces to remove dust or smudges. Do not use abrasive materials or harsh chemicals.
- **Cleaning Body:** Wipe the body of the device with a soft, damp cloth. Avoid getting water into electronic components.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge as needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted or not charged.	Charge the device fully using the provided Type-C charger.
Image is blurry or out of focus.	Focus rings not adjusted correctly.	Adjust both the eyepiece diopter and objective lens focus rings until the image is sharp.
No image in complete darkness.	IR illuminator is off or too low.	Activate the IR illuminator and cycle through intensity levels. Ensure there are no obstructions.
Cannot connect to Wi-Fi/APP.	Wi-Fi not enabled on device; incorrect network selected; app issue.	Ensure Wi-Fi is enabled on the scope. Select the correct Wi-Fi network on your phone. Restart both the scope and the app.
Cannot record photos/videos.	Storage full or corrupted.	Check available storage on the 32GB TF card. If full, transfer files to another device and delete them from the scope. If corrupted, consider formatting the card (this will erase all data).

SPECIFICATIONS

Feature	Detail
Brand	YWYLL
Model Name	Digital night vision scope
Color	Black
Style	Outdoor hunting
Sport	Hunting
Item Weight	1.05 Kilograms
Material	Aluminum
Objective Lens Diameter	50 Millimeters
Compatible Devices	Smartphone
Mounting Type	Tripod Mount
Night Vision	Yes
Resolution	1080P
Display	0.38" OLED (854x480 pixels)
IR Wavelength	940nm (Invisible)
Max Viewing Distance (Full Darkness)	300 meters
Built-in Storage	32GB TF card
Included Components	1pc night vision scope, 1pc type-c charger, 1pc user manual

WARRANTY INFORMATION

The YWYLL Digital Night Vision Scope comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact YWYLL customer support. Refer to the product packaging or the official YWYLL website for the most current contact information. When contacting support, please have your product model name ("Digital night vision scope") and ASIN ("B0CRVHPDGG") ready.



