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> [GOYOJO](#) /

> [GOYOJO Dual-Mode Night Vision Bundle Instruction Manual \(Model RM\)](#)

## GOYOJO RM

# GOYOJO Dual-Mode Night Vision Bundle Instruction Manual

Model: RM

### INTRODUCTION

This manual provides essential information for the safe and effective operation of your GOYOJO Dual-Mode Night Vision Bundle. This advanced system combines a 256x192 thermal imaging monocular with 2K HD digital night vision goggles, offering comprehensive visibility in various low-light and no-light conditions. Please read this manual thoroughly before use and retain it for future reference.

### PRODUCT OVERVIEW

The GOYOJO Dual-Mode Night Vision Bundle is engineered for superior performance in challenging environments. It features:

- **Thermal Imaging Monocular:** Equipped with a 256x192 sensor and 50Hz refresh rate for detecting heat signatures through fog, smoke, and complete darkness. Offers 6 color palettes for diverse viewing scenarios.
- **2K HD Digital Night Vision Goggles:** Provides 2K CMOS clarity with 4X digital zoom and white phosphor technology for enhanced detail and ambient light amplification. Features 4 display modes and 1080P recording capability.
- **Rugged Design:** Both devices are built for durability, with the thermal monocular boasting IP65 waterproofing. The night vision goggles are lightweight and helmet-compatible (PVS-14 mount).
- **Versatile Applications:** Ideal for hunting, surveillance, search and rescue, border patrol, and outdoor adventures.

### KEY FEATURES

- **Advanced Dual-Sensor System:** Thermal detection (256x192 sensor, 50Hz) and 2K night vision (4X zoom) for 24/7 clarity.
- **Real-Time Sharing:** Thermal monocular offers 6 color palettes and instant app-based image sharing.
- **Durable Construction:** IP65 waterproofing and robust design for extreme conditions.
- **Modular Setup:** Thermal monocular can be handheld or tripod-mounted; goggles are helmet-

compatible.

## SETUP

### Battery Installation & Charging

Ensure both the thermal monocular and night vision goggles are fully charged before first use. Use the provided USB cables and power adapters. The thermal monocular features swappable batteries for extended use.

### Initial Power-On

Press and hold the power button on each device until the display activates. Follow any on-screen prompts for initial setup, such as language selection or time/date settings.

### Mounting (Night Vision Goggles)

The night vision goggles are designed to be helmet-compatible. Attach them to a PVS-14 mount (sold separately) using the integrated mounting points. Ensure a secure fit before active use.

## OPERATING INSTRUCTIONS

### Thermal Monocular Operation

- **Power On/Off:** Press and hold the power button.
- **Color Palettes:** Cycle through 6 color palettes (White-Hot, Iron-Red, etc.) using the dedicated palette button.
- **Zoom:** Use the zoom buttons to adjust magnification.
- **Recording:** Press the record button to start/stop 1080P video recording.
- **App Connectivity:** Connect via Wi-Fi to a compatible mobile app for real-time sharing and remote control.

### Night Vision Goggles Operation

- **Power On/Off:** Press and hold the power button.
- **Display Modes:** Switch between 4 display modes for optimal viewing.
- **Digital Zoom:** Utilize 4X digital zoom for enhanced detail.
- **Recording:** Capture FHD 1080P footage to the internal 16GB storage (expandable).

**GOYOJO**



## **256x192 THERMAL MONOCULAR**



**10MM**



**WIFI**



**800X600**



**4X**



**50HZ**



**IP65**

Image: GOYOJO Thermal Monocular showing key features like 10mm lens, WiFi, 800x600 resolution, 4X zoom, 50Hz refresh rate, and IP65 rating.

# 1X,2X,4X DIGIT ZOOM

Enhancing detail and precision for distant or small targets



Image: Digital zoom capabilities of the thermal monocular, showing 1X, 2X, and 4X magnification on distant targets.

# 2K 30Hz / 40Hz

## Night Vision Goggles



40° Field of View



2K Image



4x Magnification Ratio



IP66



30Hz/40Hz



4 Color Modes



Supports Binocular



WiFi



Image: GOYOJO Night Vision Goggles mounted on a helmet, highlighting features such as 40-degree field of view, 2K image, 4X magnification, IP66 rating, 30Hz/40Hz, 4 color modes, and WiFi support.

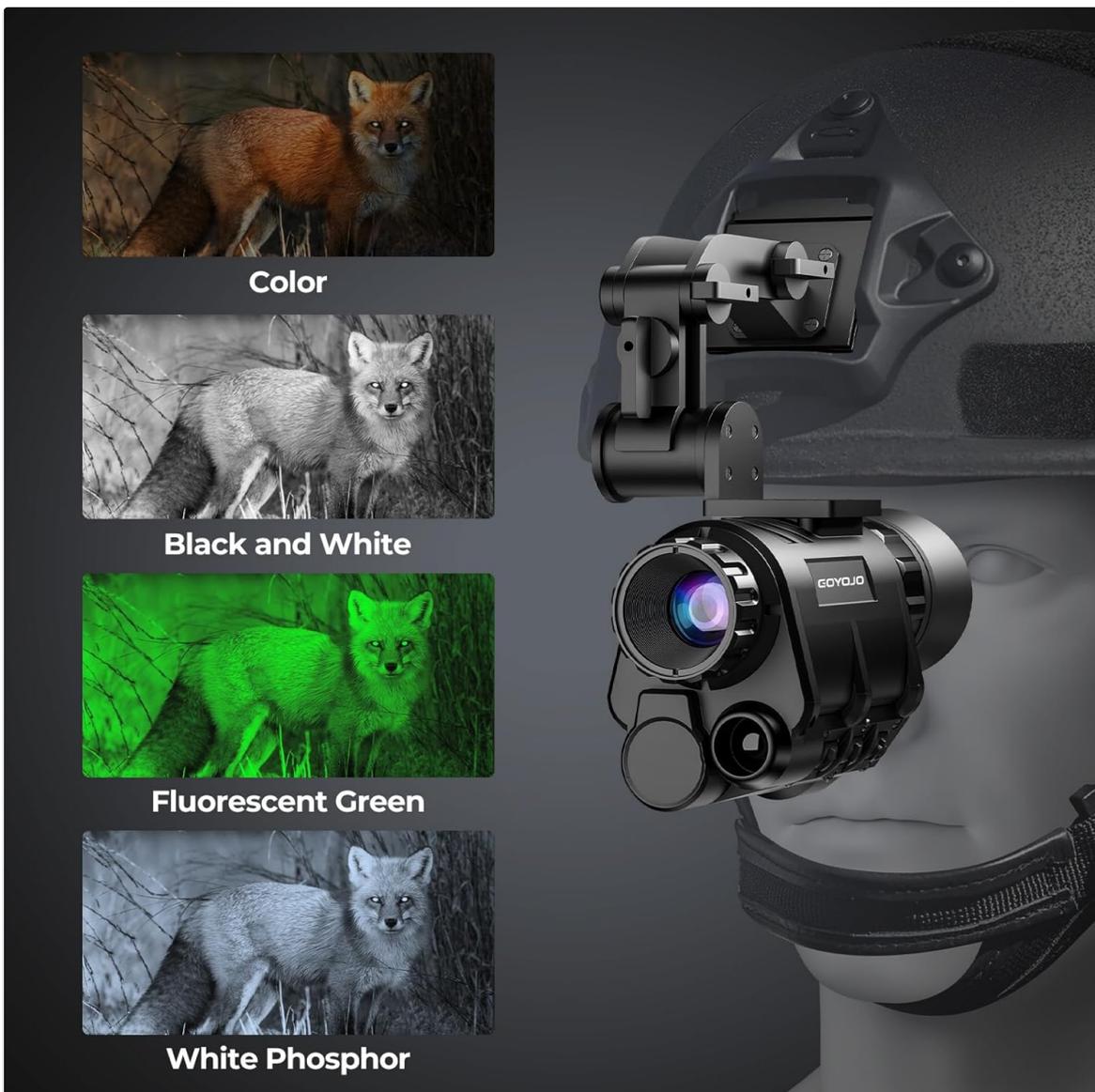


Image: Night Vision Goggles showing different display modes: Color, Black and White, Fluorescent Green, and White Phosphor, applied to an image of a fox.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device surfaces. For lenses, use a specialized lens cleaning cloth and solution. Avoid abrasive materials.
- **Storage:** Store devices in a cool, dry place away from direct sunlight and extreme temperatures. Use the protective caps for lenses when not in use.
- **Battery Care:** Fully charge batteries before long-term storage. Recharge periodically if stored for extended periods to maintain battery health.

## TROUBLESHOOTING

- **No Power:** Ensure batteries are fully charged and correctly inserted. Try a different charging cable or adapter.
- **Blurred Image:** Adjust the focus ring on the monocular/goggles. Clean lenses if smudged.
- **Wi-Fi Connection Issues:** Ensure Wi-Fi is enabled on the device and your mobile device. Restart both devices and try reconnecting.

- **Recording Failure:** Check available storage space on the night vision goggles. Ensure the device is in recording mode.

## SPECIFICATIONS

Feature	Specification
Brand	GOYOJO
Model Name	RM
Thermal Sensor	256x192 (50Hz)
Night Vision Resolution	2K CMOS
Digital Zoom	4X
Field Of View	40 Degrees
Display Type	LED
Waterproofing	IP65 (Thermal Monocular)
Storage	16GB (expandable)

## WARRANTY & SUPPORT

Your GOYOJO Dual-Mode Night Vision Bundle is covered by a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the product packaging or contact GOYOJO customer support. For technical assistance, troubleshooting, or service requests, please visit the official GOYOJO website or contact their customer service team directly.

**Contact Information:** Please refer to the contact details provided on the product packaging or the official GOYOJO website.