

IRAYUSA IRAY-HYH75W

IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope

Model: IRAY-HYH75W

INTRODUCTION

Welcome to the user manual for the IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope. This document provides essential information for the proper setup, operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the device and ensure user safety:

- Do not disassemble or modify the device.
- Keep the device away from extreme temperatures, direct sunlight, and moisture.
- Use only approved charging accessories.
- Avoid direct eye exposure to any laser emitters if present.
- Store the device in a secure location, out of reach of children.

PACKAGE CONTENTS

The product package typically includes:

- IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope (Model: IRAY-HYH75W)
- *(Other accessories such as charging cable, carrying case, lens cloth, etc., may vary by package and are not explicitly listed in the provided data.)*

PRODUCT OVERVIEW

The IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope is a robust thermal imaging device designed for various applications, including hunting. It features a 4x minimum magnification, a 75mm objective lens, and night vision capabilities, offering a field of view up to 3600 yards. The device is constructed from durable plastic and is designed for mounting via a Picatinny system.



Front-side view of the IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope, showing the objective lens and main body.



Side view of the IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope, highlighting the control buttons and Picatinny mounting rail.



Rear-side view of the IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope, showing the eyepiece and lens cap.

SETUP

1. Charging the Device

Before initial use, ensure the thermal scope is fully charged. Connect the appropriate charging cable to the device's charging port and a power source. The charging indicator will typically show the charging status.

2. Mounting the Scope

The RICO Hybrid 640 is designed for Picatinny mounting.

1. Securely attach the scope to a compatible Picatinny rail using the provided mounting hardware.
2. Ensure the mount is tightened to the manufacturer's recommended torque specifications to prevent movement during use.
3. Verify proper eye relief and alignment for comfortable and effective viewing.

OPERATING INSTRUCTIONS

1. Power On/Off

To power on the device, press and hold the power button for a few seconds until the display activates. To power off, press and hold the power button again until the device shuts down.

2. Basic Controls

The device features various buttons and dials for operation. Refer to the on-screen interface for specific functions.

- **Magnification Adjustment:** Use the designated controls to adjust the 4x magnification.
- **Focus Adjustment:** Rotate the objective lens focus ring to achieve a clear image at different distances.
- **Mode Selection:** Cycle through different thermal palettes or operating modes using the mode button.
- **Reticle Adjustment:** Access the menu to customize and adjust the custom reticle type for aiming.

MAINTENANCE

1. Cleaning

- Use a soft, lint-free cloth to clean the exterior of the device.
- For lenses, use a specialized lens cleaning solution and cloth to avoid scratching.
- Do not use abrasive cleaners or solvents.

2. Storage

When not in use, store the thermal scope in its protective case in a cool, dry place, away from direct sunlight and extreme temperatures.

3. Battery Care

For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even during periods of non-use, to maintain battery health.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device does not power on	Low battery	Charge the device fully.
Blurry image	Incorrect focus	Adjust the objective lens focus ring.
Image freezes or malfunctions	Software glitch	Power off and restart the device.
Device not mounting securely	Incorrect mounting procedure or incompatible rail	Re-check mounting instructions and ensure rail compatibility.

If problems persist, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	IRAYUSA
Model Name	IRAY-HYH75W
Color	Black
Style	Modern
Sport	Hunting
Material	Plastic
Objective Lens Diameter	75 Millimeters
Magnification Minimum	4 x
Compatible Devices	Laptop
Mounting Type	Picatinny Mount
Night Vision	Yes
Field Of View	3600 Yards
Reticle Type	Custom
UPC	850048751118
GTIN	00850048751118
Item Package Dimensions L x W x H	1 x 1 x 1 inches
Package Weight	1 Pounds
Number of Items	1

WARRANTY INFORMATION

The IRAYUSA INFIRAY RICO Hybrid 640 4X Thermal Scope comes with a **2 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty card included with your product or contact IRAYUSA customer support. Additionally, a **3-Year Protection Plan** may be available for purchase, offering extended coverage.

SUPPORT

For technical assistance, warranty claims, or further inquiries, please contact IRAYUSA customer support. Visit the official IRAYUSA website for contact details and additional resources.
Note: Always provide your product model (IRAY-HYH75W) and serial number when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question