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› Arken Optics SH4J GEN2 6-24x50 FFP Rifle Scope Instruction Manual

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INTRODUCTION

This manual provides detailed instructions for the proper use, setup, and maintenance of your Arken Optics SH4J GEN2 6-24x50 FFP Rifle Scope. Designed for precision and performance, this scope features Japanese ELD glass, a 34mm main tube, an AZS Zero Stop system, and an illuminated First Focal Plane (FFP) VHR-MIL reticle. Please read this manual thoroughly before using your scope to ensure optimal performance and longevity.



Image: Angled view of the Arken Optics SH4J GEN2 6-24x50 FFP Rifle Scope, highlighting the turrets and objective lens.

SETUP

Mounting the Scope

The SH4J GEN2 scope features a 34mm main tube, compatible with Picatinny and Weaver style mounts. Ensure your chosen rings are of the correct diameter and height for your rifle and preferred cheek weld. Securely mount the scope, ensuring proper eye relief and reticle levelness before tightening all screws to the manufacturer's recommended torque specifications.

Diopter Adjustment

To achieve a clear reticle image, adjust the diopter ring located at the eyepiece. Look through the scope at a plain, bright background (like the sky) and rotate the diopter ring until the reticle appears sharp and in focus. Avoid looking at a target during this adjustment, as your eye may try to compensate for target focus instead of reticle focus.

AZS Zero Stop System

The AZS Zero Stop system allows for a quick and reliable return to your established zero. After zeroing your rifle, follow these steps to set the zero stop:

1. Loosen the set screws on the elevation turret.
2. Rotate the turret until it stops at your desired zero position.
3. Tighten the set screws to secure the zero stop.



Image: Close-up view of the elevation turret, showing the AZS Zero Stop and set screws.

Parallax Adjustment

The side knob parallax adjustment allows for quick and easy parallax correction. Rotate the parallax knob until the target appears clear and the reticle does not shift relative to the target when you move your head slightly. Range numbers are visible on the knob for reference.

Video: An official Arken Optics video demonstrating the features and adjustments of the SH4J 6-24x50 FFP Rifle Scope, including turret and parallax adjustments.

OPERATING THE SCOPE

Magnification Adjustment

The SH4J GEN2 offers a magnification range of 6-24x. Rotate the magnification ring, located at the eyepiece, to adjust the power. As this is a First Focal Plane (FFP) scope, the reticle will grow and shrink proportionally with the target image, ensuring that subtensions remain accurate at all magnification settings.

Elevation and Windage Turrets

The scope features precise elevation and windage turrets with audible 0.1 MIL clicks. Each click represents a specific adjustment to the point of impact. The turrets are clearly marked for easy tracking of adjustments. The AZS Zero Stop ensures you can always return to your established zero quickly.



Image: A view of the elevation and windage turrets, showing their design and markings for adjustment.

Illuminated VHR-MIL Reticle

The VHR-MIL reticle is designed for clear target visibility, especially in hunting environments. Its open design ensures the point of impact and target remain unobstructed. The reticle features multiple illumination settings to adapt to various lighting conditions. The illumination control is typically located on the parallax knob or a separate turret.

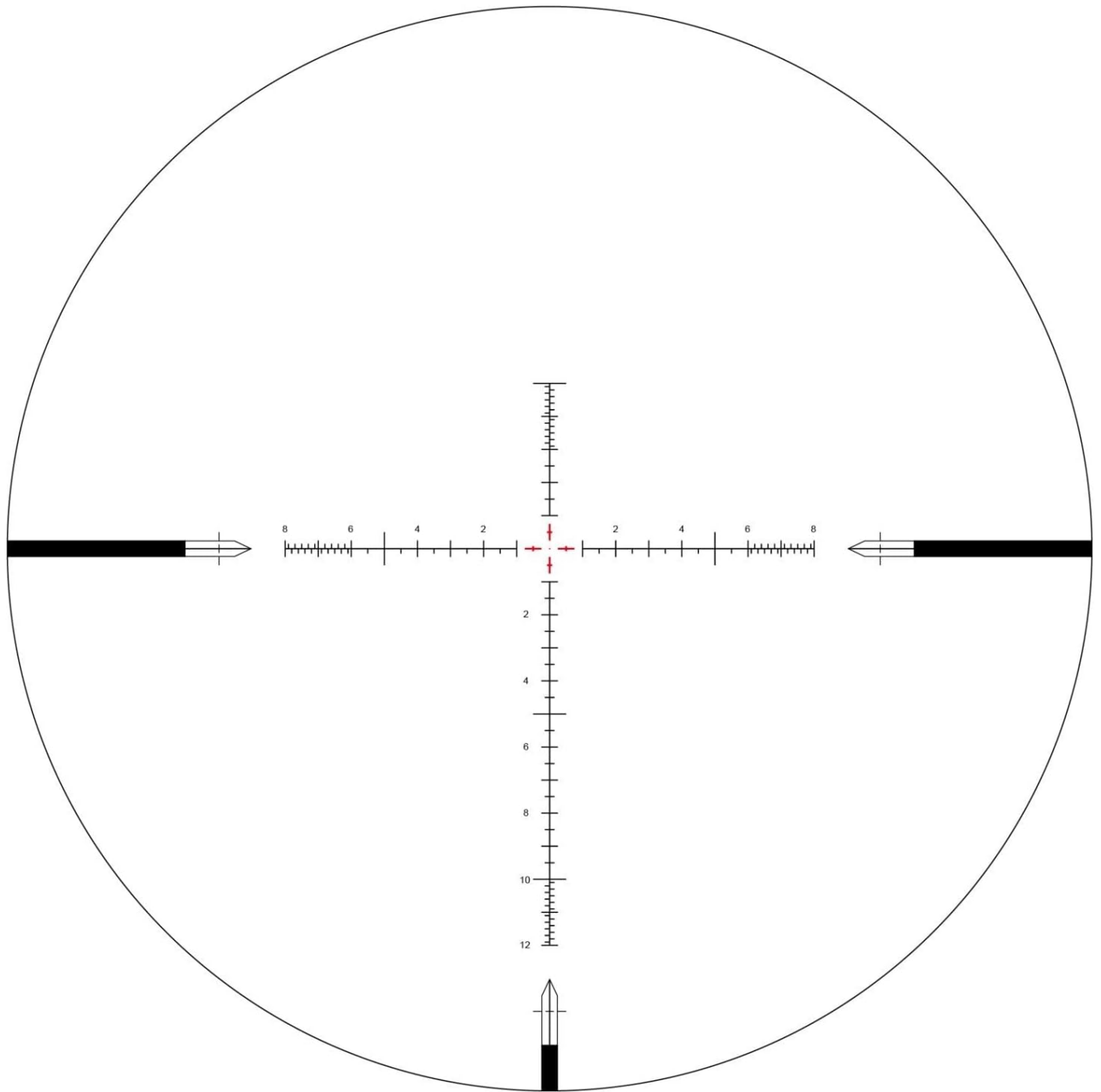


Image: A clear depiction of the VHR-MIL reticle as seen through the scope.

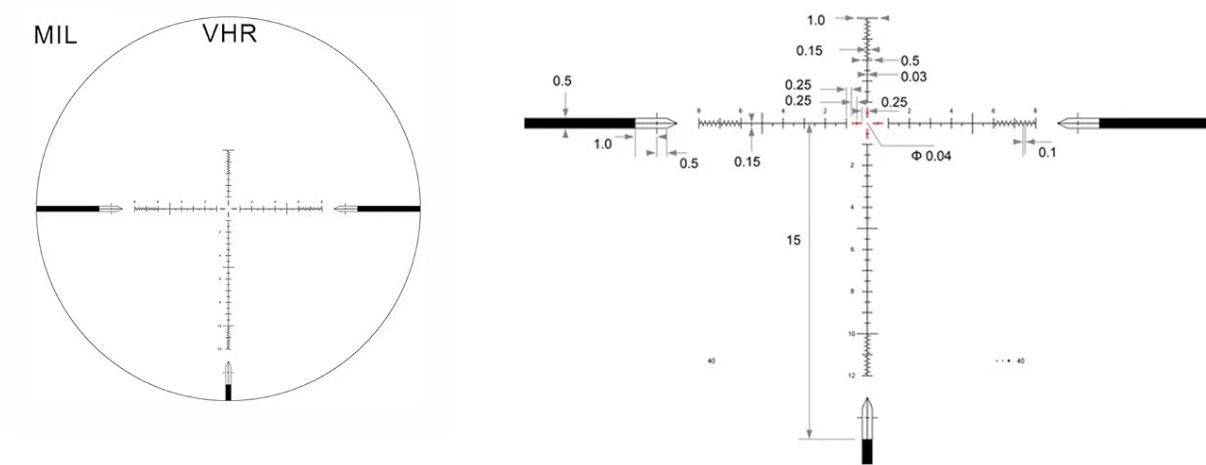


Image: Detailed diagram of the VHR-MIL reticle, showing subtension values and measurements.

MAINTENANCE

Cleaning the Lenses

Use a soft brush or compressed air to remove dust and loose debris from the lenses. For smudges or fingerprints, use a clean microfiber cloth and a lens cleaning solution specifically designed for optical surfaces. Avoid using harsh chemicals or abrasive materials, which can damage the lens coatings.

General Care

The scope is constructed from aircraft-grade aluminum, O-ring sealed, and nitrogen purged for waterproof and fogproof performance. While durable, avoid unnecessary impacts. Store the scope in a protective case when not in use. Regularly check all mounting screws for proper torque.

TROUBLESHOOTING

Unclear Image

- Ensure the diopter is correctly adjusted for your eye.
- Adjust the parallax knob to match the target distance.
- Check for dirt or smudges on the lenses and clean as necessary.

Point of Impact Shift

- Verify that the scope is securely mounted and all screws are tightened to specification.
- Check if the rifle mount itself is secure.
- Ensure the zero stop is properly engaged if applicable.

Reticle Illumination Not Working

- Check the battery and replace if necessary.
- Ensure the illumination control is turned on and set to a visible level.

SPECIFICATIONS

Feature	Specification
Brand	Arken Optics
Model	SH4J GEN2 6-24x50 FFP
Magnification Range	6-24x
Objective Lens Diameter	50 mm
Tube Diameter	34 mm
Reticle Type	VHR-MIL (First Focal Plane)
Illumination	Illuminated (6 settings)
Zero Stop	AZS Zero Stop System
Parallax Adjustment	Side Knob
Eye Relief	3.5 inches
Material	Aircraft Grade Aluminum
Waterproof/Fogproof	O-ring sealed, Nitrogen purged
Item Weight	2.3 pounds
Manufacturer Part Number	SH4J-6241VHR
UPC	850065806365

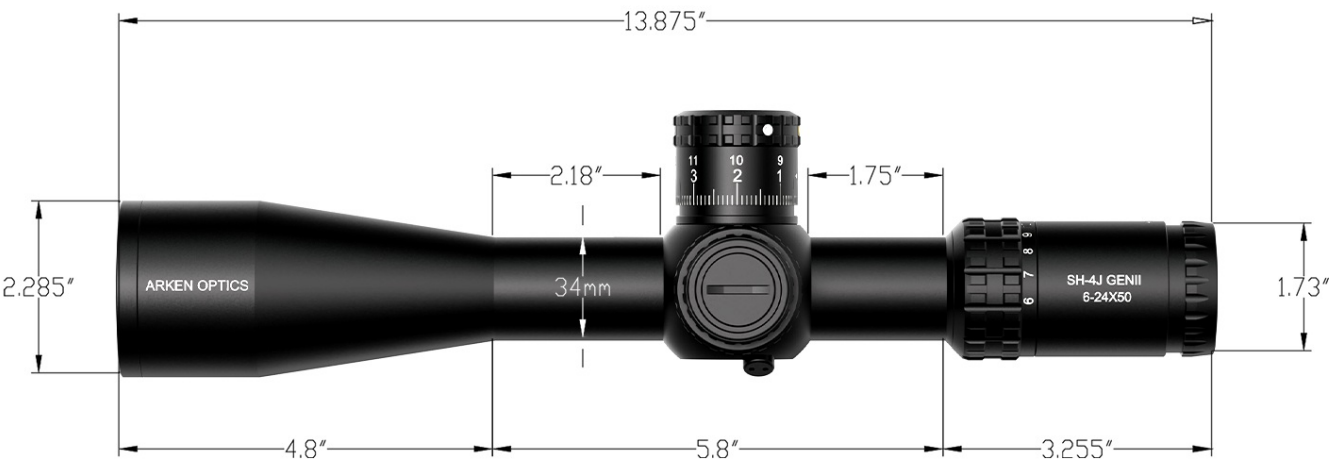


Image: Technical drawing showing the dimensions of the Arken Optics SH4J GEN2 6-24x50 FFP Rifle Scope.

WARRANTY AND SUPPORT

Arken Full Lifetime Guarantee

All Arken Optics scopes and accessories purchased from ArkenOptics are covered by an ongoing manufacturer's guarantee for normal use conditions. This warranty addresses issues related to materials or workmanship at no charge. Proof of ownership or a warranty card is not required, and there is no time limit on the guarantee.

Product Support

Should you encounter any problems during the use of your Arken Optics SH4J GEN2 scope, please contact our care team. Provide your order ID for assistance. Our dedicated support team is available to help resolve any issues you may experience.

For further assistance, please visit the official Arken Optics website or contact their customer service directly.

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