Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Visionking VS30-90X100

Visionking 30-90x100SS HD Spotting Scope Instruction Manual

Model: VS30-90X100

1. Introduction

This manual provides detailed instructions for the proper use and care of your Visionking 30-90x100SS HD Spotting Scope. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

The Visionking 30-90x100SS HD Spotting Scope is designed for high-magnification observation, suitable for activities such as bird watching, wildlife viewing, hunting, target shooting, and astronomical observation. It features advanced optical components and a durable, weather-resistant construction.

2. What's in the Box

Upon unpacking, verify that all the following items are included:

- Visionking 30-90x100SS HD Spotting Scope
- Extended Tripod Mounting Plate
- Zoom Eyepiece with Integrated T-adapter for Digiscoping
- Eyepiece Lens Cap
- Eyepiece Port Cover
- Soft Carrying Bag
- Instruction Manual (this document)



Figure 2.1: The spotting scope along with its included accessories, such as the tripod, carrying bag, and lens caps.

3. Setup

3.1 Attaching the Tripod

1. Unfold the legs of the included tripod or your preferred stable tripod.
2. Locate the tripod mounting plate on the underside of the spotting scope.
3. Align the mounting plate with the tripod head and secure it using the tripod's attachment screw. Ensure it is tightened firmly to prevent movement.

3.2 Installing the Phone Mount (for Digiscoping)

The integrated T-adapter allows for digiscoping, enabling you to capture images or videos through the scope using a smartphone.

1. Remove the eyepiece lens cap.
2. Attach the phone mount adapter to the eyepiece. Secure it by tightening the screws on the adapter.
3. Place your smartphone into the phone mount, ensuring the camera lens is aligned with the eyepiece. Adjust the phone's position for a clear view.

Video 3.1: Demonstration of attaching a smartphone to the Visionking 30-90x100SS Spotting Scope for digiscoping, showing the process of securing the phone mount and aligning the camera.

4. Operating Instructions

4.1 Adjusting Magnification

The spotting scope offers a variable magnification range from 30x to 90x.

1. Rotate the zoom ring on the eyepiece to increase or decrease magnification.
2. Start with the lowest magnification (30x) to easily locate your subject, then gradually increase to your desired level.

4.2 Focusing

The scope features a 2-speed dual focus control for precise image clarity.

1. Use the coarse focus wheel for rapid adjustments to bring the image into approximate focus.
2. Use the fine focus wheel for minute adjustments to achieve sharp, clear images.

4.3 Eyecup Adjustment

The twist-up eyecup allows for comfortable viewing with or without eyeglasses.

- For users without eyeglasses, twist the eyecup counter-clockwise to extend it to a comfortable position.
- For users with eyeglasses, twist the eyecup clockwise to retract it fully, allowing your eye to be closer to the eyepiece lens.

4.4 Sunshade Extension

Extend the retractable sunshade to reduce glare in bright conditions and protect the objective lens from rain or dust.

1. Gently pull the objective lens housing forward until it locks into place.
2. To retract, push the housing back until it is flush with the main body.

5. Features and Technology

5.1 Optical Performance

- **RainGuard HD Water-Repellent Lens Coating:** Protects lenses from oil, scratches, and dirt, ensuring clear vision in various weather conditions.
- **Bak-4 Prisms:** Maximizes light transmission, resulting in brighter, clearer, and crisper images.
- **Fully Multi-Coated Optics:** Multiple layers of anti-reflective coatings on all air-to-glass surfaces enhance light

transmission, brightness, and color fidelity.

- **100mm Large Objective Lens:** Provides a wider field of view and superior light gathering capabilities, especially beneficial in low-light environments.



Figure 5.1: Visual comparison illustrating the superior light transmittance and image clarity of fully multi-coated lenses compared to standard multi-coated and blue film lenses.

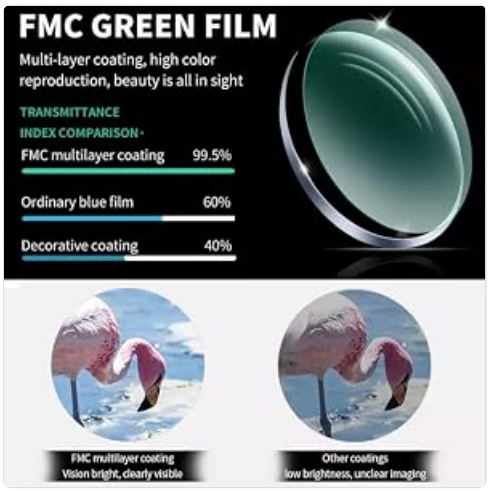


Figure 5.2: Illustration demonstrating how BAK4 prisms provide a clear and bright image without dark edges, unlike other prism types which may result in dim images with dark edges.

5.2 Durability and Construction

- **O-ring Sealed and Nitrogen Filled:** Ensures the spotting scope is **waterproof** and **fog-proof**, allowing it to perform reliably in challenging environmental conditions.
- **Durable Framework and Rubber Armor:** Provides a non-slip grip, shock-proof protection, and long-lasting external durability.



Figure 5.3: The spotting scope is designed to be nitrogen-filled, waterproof, and fog-proof for robust outdoor performance.

6. Maintenance

6.1 Cleaning the Lenses

Proper lens cleaning is crucial for maintaining optical clarity. Always use a soft, lint-free cloth or a lens brush.

1. Gently brush away any dust or loose debris from the lens surfaces using a soft lens brush or compressed air.
2. If further cleaning is needed, apply a small amount of lens cleaning fluid to a microfiber cloth and gently wipe the lens in a circular motion.
3. Avoid using abrasive cloths, paper towels, or harsh chemicals, as these can damage the lens coatings.

6.2 General Care and Storage

- Always replace lens caps when the scope is not in use to protect the optics.
- Store the spotting scope in its soft carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the scope to severe impacts, despite its shock-proof design.

7. Troubleshooting

7.1 Blurred Image

- Ensure the focus wheels are properly adjusted. Use both coarse and fine adjustments.
- Check the eyecup position; adjust it for comfortable viewing, especially if wearing eyeglasses.
- Verify that the objective lens and eyepiece are clean and free from smudges or debris.

7.2 Dark Edges or Vignetting

- This can occur if the eyecup is not correctly adjusted for your eye relief. Experiment with different eyecup extensions.
- Ensure your eye is centered with the eyepiece.

7.3 Fogging Inside Lenses

- The scope is nitrogen-filled and fog-proof. If internal fogging occurs, it may indicate a seal compromise. Contact customer support for assistance.

8. Specifications

Feature	Specification
Brand	Visionking
Model Name	Spotting Scope
Item Model Number	VS30-90X100
Magnification	30-90x Zoom
Objective Lens Diameter	100 Millimeters
Eyepiece Lens Description	Multi-coated optics
Focus Type	Manual Focus (2-speed dual focus)
Waterproof/Fog-proof	O-ring sealed, Nitrogen filled
Item Weight	6.06 pounds (2750 Grams)
Package Dimensions	22.25 x 9.25 x 7 inches
Compatible Devices	Smartphone (with T-adapter)



Figure 8.1: Detailed dimensions of the spotting scope, showing its length and objective lens diameter.

9. Warranty and Support

Visionking is committed to providing quality optical products. While specific warranty details are not provided in this manual, the manufacturer states:

> *"VISIONKING has been focusing on the optical industry for nearly 20 years and has quite perfect testing technology and advanced equipment. If you have any question to our product, please contact to us and we will reply to you as soon as possible with enthusiasm!"*

For any product inquiries, technical assistance, or warranty claims, please contact Visionking customer support through their official channels or the retailer where the product was purchased.

© 2023 Visionking. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B00SJ0WB96

More documents and user manuals: **https://manuals.plus/**