

## SVBONY FUSF9326G-F9140A

# SVBONY SV17 25-75x70mm Straight Spotting Scope Instruction Manual

Model: FUSF9326G-F9140A

## INTRODUCTION

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This manual provides detailed instructions for the proper use and care of your SVBONY SV17 25-75x70mm Straight Spotting Scope. Designed for various outdoor activities such as bird watching, hunting, target shooting, and general observation, this spotting scope offers variable magnification and durable construction. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## PRODUCT OVERVIEW

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The SVBONY SV17 spotting scope features a straight-through design, a 70mm objective lens, and a 25-75x zoom eyepiece. It is constructed with a metal body and incorporates BAK4 prisms and fully multi-coated optics for bright and clear images. The scope is also IP65 waterproof and fogproof, making it suitable for various weather conditions.



Image: The complete SVBONY SV17 spotting scope package, including the scope, tripod, carrying case, and cleaning accessories.



**Waterproof**



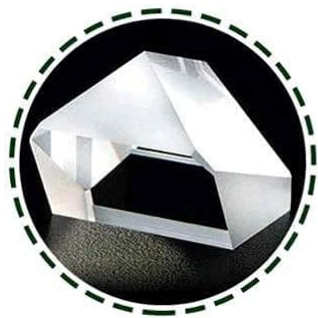
**Fog-proof**

Nitrogen Filled and O-ring sealed makes waterproof level up to IP65; it can be used to withstand the toughest weather conditions



Image: The SVBONY SV17 spotting scope mounted on its tripod, illustrating its waterproof and fogproof design for use in challenging weather.

# Fully Multi Coated & BAK-4 Broadband Green Film Porro Prism



**BAK-4**



**SV17**



**Others**

Image: A detailed view of the objective lens, showcasing the Fully Multi-Coated (FMC) Broadband Green Film and BAK-4 Porro Prism for superior optical performance.

## Key Components:

- **Objective Lens:** The large front lens (70mm) that gathers light.
- **Eyepiece:** The part you look through, with adjustable magnification (25x-75x).
- **Focus Knob:** Used to adjust the clarity of the image.
- **Zoom Ring:** Located on the eyepiece, used to change magnification.
- **Tripod Mounting Collar:** Allows rotation of the scope body for different viewing angles.
- **Retractable Sunshade:** Extends from the objective lens to reduce glare.
- **Tripod:** Provides a stable platform for observation.

## SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the product contents are present.
2. **Attaching the Tripod:**
  - Extend the legs of the included tripod to a stable position.
  - Mount the spotting scope onto the tripod's quick-release plate or directly onto the tripod head

using the threaded mounting hole on the scope's tripod collar.

- Securely tighten the mounting screw to prevent movement.

3. **Adjusting Eyepiece Position:** The eyepiece can be rotated for comfortable viewing. Loosen the locking screw on the tripod mounting collar, rotate the scope body to the desired angle, and then re-tighten the screw.



Image: The spotting scope demonstrating the ability to rotate the eyepiece for comfortable viewing positions, such as looking down or straight ahead.

4. **Removing Lens Caps:** Remove the objective lens cap and the eyepiece cap before use.

## OPERATING INSTRUCTIONS

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1. **Aiming the Scope:** Point the spotting scope towards your desired target. For initial aiming, you can use the built-in sighting aid (if present) or simply align the scope by looking along its body.

2. **Adjusting Magnification:**

- Rotate the zoom ring on the eyepiece to select your desired magnification between 25x and 75x.
- Start with the lowest magnification (25x) for a wider field of view, making it easier to locate your target.
- Once the target is found, increase the magnification as needed for more detail.



Image: A close-up of the eyepiece, indicating the adjustable zoom settings from 25x to 75x.

### 3. Focusing:

- While looking through the eyepiece, slowly rotate the focus knob until the image appears sharp and clear.
- Fine-tune the focus for optimal clarity, especially at higher magnifications.

4. **Using the Retractable Sunshade:** Extend the sunshade by pulling it forward from the objective lens. This helps to reduce glare and improve image contrast, particularly in bright conditions or when viewing towards the sun.

5. **Viewing with Eyeglasses:** If you wear eyeglasses, you may need to twist or fold down the rubber eyecup on the eyepiece to achieve a full field of view.

### Official Product Video:



Video: An official SVBONY video demonstrating the features and operation of the SV17 25-75x70mm Straight Spotting Scope, including magnification and focus adjustments.

## MAINTENANCE

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- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces to remove dust or smudges. For stubborn marks, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.
- **Cleaning Body:** Wipe the body of the scope with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the spotting scope in its protective carrying case when not in use. Keep it in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure all lens caps are in place to protect the optics.
- **Waterproof/Fogproof Care:** While the scope is IP65 waterproof and fogproof, avoid submerging it in water. If it gets wet, wipe it dry with a clean cloth. Do not attempt to disassemble the scope, as this will compromise its waterproof and fogproof seals.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Image is blurry or out of focus.	Focus knob not adjusted correctly; eyepiece zoom set too high for current conditions; atmospheric distortion.	Rotate the focus knob slowly until the image is sharp. Try reducing the magnification. Wait for atmospheric conditions to improve.
Dark edges or partial view through eyepiece.	Eyecup not adjusted for eye relief; eye not centered with the eyepiece.	Adjust the eyecup (twist up/down or fold down) to find the optimal eye relief. Ensure your eye is centered with the eyepiece.
Image appears dim.	Low light conditions; high magnification in low light; objective lens cap still on.	Ensure lens caps are removed. Reduce magnification. Use in brighter conditions.
Scope is unstable.	Tripod not fully extended or tightened; scope not securely mounted.	Ensure tripod legs are fully extended and locked. Tighten all tripod adjustments and the scope mounting screw.

## SPECIFICATIONS

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Feature	Detail
Model	SV17
Magnification	25-75x
Objective Lens Diameter	70mm
Prism Type	BAK4 Porro Prism
Lens Coating	Fully Multi-Coated (FMC) Broadband Green Film
Waterproof Rating	IP65
Fogproof	Yes (Nitrogen Filled)
Product Dimensions	18.14 x 4.68 x 10.14 inches
Item Weight	5.22 pounds
Manufacturer	SVBONY

## WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the official SVBONY website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims. You can visit the SVBONY Store for more information:[SVBONY Store](#)