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› Svbonny SV28 25-75x70 Spotting Scope Instruction Manual

## SVBONY SV28

# Svbonny SV28 25-75x70 Spotting Scope Instruction Manual

Model: SV28

## 1. INTRODUCTION

Thank you for choosing the Svbonny SV28 25-75x70 Spotting Scope. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new spotting scope. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device. This spotting scope is designed for various outdoor activities such as bird watching, target shooting, archery, observing the moon, and general wildlife observation.



*Image 1.1: The Svbony SV28 25-75x70 Spotting Scope mounted on its tripod with a smartphone attached via the adapter.*

## **2. PACKAGE CONTENTS**

Upon opening the package, please verify that all the following items are included:

- 1 x SV28 25-75x70mm Spotting Scope
- 1 x EVA Carrying Case
- 1 x Universal Phone Adapter
- 1 x Objective Lens Cover
- 1 x Eyepiece Cover
- 1 x Lens Cleaning Cloth
- 1 x Simple Tabletop Tripod
- 1 x User Manual (this document)



Image 2.1: All components included in the Svbonny SV28 spotting scope package, laid out for inspection.

### 3. PRODUCT OVERVIEW

The Svbonny SV28 spotting scope features high-quality optics and a robust design for clear and bright observations. Key optical features include:

- **BAK4 Porro Prism:** Provides bright, clear, and sharp images with excellent light transmission.
- **FMC (Fully Multi-Coated) Lenses:** Enhances light transmission and reduces glare for superior image quality.
- **70mm Objective Lens:** Gathers ample light for bright images, even in low-light conditions.
- **21mm Large Eyepiece:** Offers comfortable viewing conditions and reduces eye fatigue during prolonged observation.



Image 3.1: Illustration of the multi-layer coated BAK4 Porro Prism technology, demonstrating enhanced image clarity compared to a normal view.



## Grand diamètre d'oculaire



Image 3.2: A detailed view of the 21mm large eyepiece, highlighting its size for comfortable viewing.

### 4. SETUP

Follow these steps to set up your Svbon SV28 spotting scope:

**1. Attach the Tripod:**

Unfold the legs of the tabletop tripod. Locate the tripod mounting screw on the top of the tripod head. Align the screw with the threaded hole on the bottom of the spotting scope. Rotate the scope clockwise to securely attach it to the tripod. Ensure it is firmly tightened but do not overtighten.

**2. Adjust Tripod Angle:**

The included tabletop tripod allows for 360-degree rotation and angle adjustments between 160-180 degrees. Loosen the adjustment knob on the tripod to set your desired viewing angle, then tighten to secure.

**3. Attach Phone Adapter (Optional):**

If you wish to use your smartphone for photography, attach the universal phone adapter to the eyepiece. Adjust the adapter to securely hold your phone, ensuring the phone's camera lens is aligned with the spotting scope's eyepiece. The adapter supports phone widths from 52-100mm.



Image 4.1: The universal phone adapter attached to the spotting scope's eyepiece, holding a smartphone in position for digiscoping.



Image 4.2: An illustration demonstrating the adjustable range of the tripod, including 360-degree rotation and 160-

## 5. OPERATING INSTRUCTIONS

To use your Svbony SV28 spotting scope effectively, follow these operational guidelines:

**1. Remove Covers:**

Remove the objective lens cover and the eyepiece cover before use.

**2. Adjust Eyecup:**

The eyepiece features a fold-down eyecup. If you wear eyeglasses, fold down the eyecup for a full field of view. If you do not wear eyeglasses, keep the eyecup extended for comfortable viewing.

**3. Adjust Magnification:**

Rotate the zoom ring on the eyepiece to adjust the magnification from 25x to 75x. Start with the lowest magnification (25x) to locate your target, then gradually increase to your desired level.

**4. Focusing:**

Once your target is in view, slowly rotate the focus knob until the image appears sharp and clear. Fine-tune the focus for maximum clarity.

**5. Extend Sunshade:**

Pull out the extendable sunshade located around the objective lens to reduce glare and protect the lens from rain or dust.



Image 5.1: An illustration highlighting the easy-to-use focus knob and the extendable sunshade feature of the spotting scope.



Image 5.2: This image illustrates the adjustable magnification range (25x-75x) and the fold-down eyecup, suitable for users with or without eyeglasses.

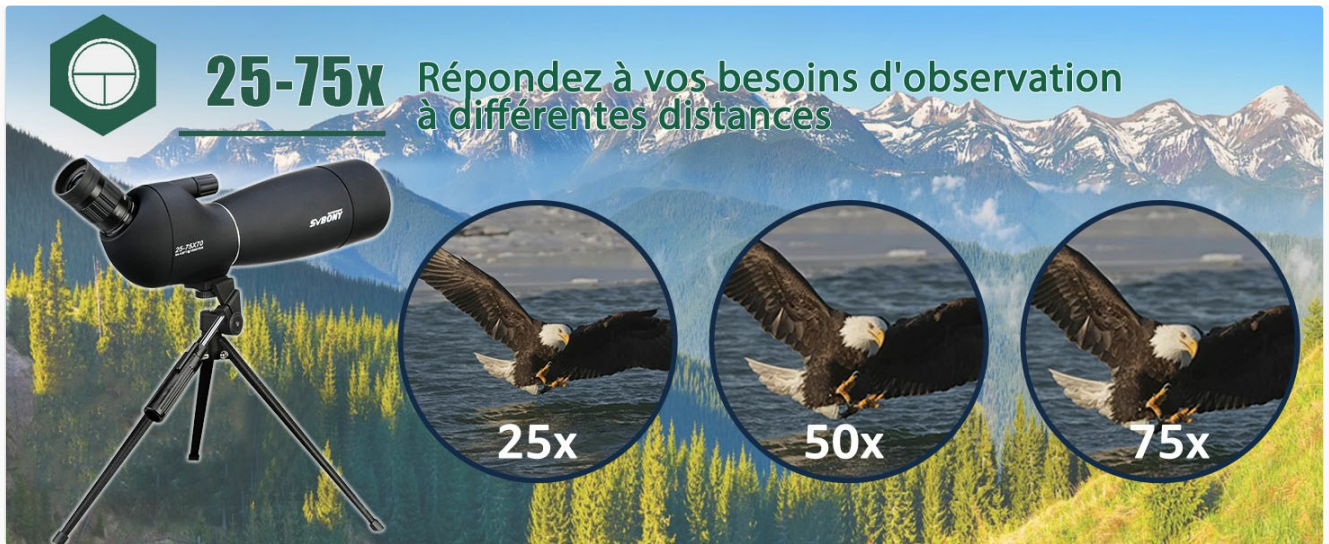


Image 5.3: A visual comparison demonstrating the different levels of magnification (25x, 50x, 75x) when observing a distant eagle.



Image 5.4: A visual representation of the focusing process, showing a blurred image 'Before' adjustment and a clear, sharp image 'After' adjustment.

## 6. MAINTENANCE

Proper care and maintenance will ensure the longevity and performance of your spotting scope:

- **Cleaning Lenses:**

Use the provided lens cleaning cloth or a soft, lint-free cloth to gently wipe the objective and eyepiece lenses. For stubborn smudges, use a small amount of lens cleaning fluid specifically designed for optical surfaces. Avoid using abrasive materials or excessive force, as this can scratch the lens coatings.

- **Cleaning Body:**

Wipe the body of the spotting scope with a soft, damp cloth. Do not use harsh chemicals or solvents.

- **Storage:**

When not in use, store the spotting scope in its EVA carrying case to protect it from dust, dirt, and impacts. Keep it in a cool, dry place away from direct sunlight and extreme temperatures.

- **Waterproof and Fogproof:**

The SV28 spotting scope is IP65 rated, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is also fogproof. While it can withstand light rain, avoid submerging it in water.



Image 6.1: The spotting scope partially submerged in water, demonstrating its IP65 waterproof and anti-fog capabilities.

## 7. TROUBLESHOOTING

If you encounter issues with your spotting scope, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Incorrect focus adjustment.	Rotate the focus knob slowly until the image becomes sharp. Ensure you are focusing on the correct distance.
Dark edges or vignetting in the view.	Eyecup not properly adjusted or eye not centered.	Adjust the fold-down eyecup (down for eyeglasses, up for bare eye). Position your eye centrally and at the correct distance from the eyepiece.
Image is dim or unclear.	Lenses are dirty or sunshade is not extended.	Clean the objective and eyepiece lenses with the provided cloth. Extend the sunshade to reduce glare. Ensure sufficient ambient light.
Difficulty attaching phone adapter.	Phone not within supported width range or improper alignment.	Ensure your phone's width is between 52-100mm. Carefully align your phone's camera lens with the spotting scope's eyepiece before tightening the adapter.
Tripod feels unstable.	Tripod legs not fully extended or screw not tightened.	Ensure tripod legs are fully extended and stable on a flat surface. Tighten the mounting screw connecting the scope to the tripod. For outdoor use, a full-size camera tripod is recommended for better stability.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	SV28

Feature	Specification
Magnification	25-75x (Adjustable Zoom)
Objective Lens Diameter	70 Millimeters
Eyepiece Description	45-degree Angled Eyepiece
Prism Type	BAK4 Porro Prism
Lens Coating	FMC (Fully Multi-Coated)
Field of View	20 Meters (at 1000m)
Exit Pupil Diameter	3.3 Millimeters
Focus Type	Manual Focus
Waterproof Rating	IP65
Product Dimensions (L x W x H)	37.5 x 9.2 x 13.1 cm
Item Weight	770 Grams
Compatible Devices	Smartphone (with adapter)
Manufacturer Model Number	EUF9308P-W2546A
Country of Origin	China

## 9. WARRANTY AND SUPPORT

Svbony offers the following warranty and support for your product:

- **Lifetime Warranty:** We provide a lifetime warranty for spotting scopes, monoculars, binoculars, and microscopes.
- **30-Day Return Policy:** A 30-day no-reason return guarantee is offered from the date of purchase.
- **Post-Warranty Service:** Beyond the warranty period, we continue to offer maintenance services. Buyers are responsible for any associated costs.
- **Customer Support:** For any inquiries or support needs, please contact us through Amazon. We commit to responding within 12 hours.

For further assistance or to claim warranty service, please visit the official Svbony store on Amazon or contact their customer service directly through the platform.