

SVBONY SV28

Svbonny SV28 25-75x70 Spotting Scope Instruction Manual

Model: SV28

INTRODUCTION

Thank you for purchasing the Svbonny SV28 25-75x70 Spotting Scope. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device. Please read this manual thoroughly before use to ensure optimal performance and longevity of your spotting scope.

WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x Svbonny SV28 25-75x70 Spotting Scope
- 1 x Universal Mobile Phone Adapter
- 1 x Carrying Case
- 1 x Objective Lens Cap
- 1 x Eyepiece Cap
- 1 x Cleaning Cloth
- 1 x Desktop Tripod



Image: The package contents laid out, showing the spotting scope, phone adapter, desktop tripod, carrying case, lens caps, and cleaning cloth.

PRODUCT OVERVIEW

The Svbonny SV28 spotting scope features a 45-degree angled eyepiece for comfortable viewing and a robust design for various outdoor activities.



Image: A diagram illustrating the key components of the spotting scope, including the 45-degree angled eyepiece, focusing knob, and tripod handle.

Optical Features

- **BAK4 Porro Prism:** Provides clear and bright images.
- **Multi-Coated Lenses:** Enhances light transmission for improved clarity and contrast.
- **70mm Objective Lens:** Collects ample light for bright views, even in low-light conditions.



Image: An illustration detailing the BAK4 prism and multi-coated lens technology, demonstrating the superior image clarity compared to standard optics.

SETUP

1. **Attach the Tripod:** Securely screw the spotting scope onto the included desktop tripod or a full-sized tripod using the standard tripod mounting thread. Ensure the connection is stable.
2. **Remove Lens Caps:** Remove the objective lens cap from the front of the scope and the eyepiece cap from the angled eyepiece.
3. **Adjust Eyecup:** Rotate or extend the eyecup on the eyepiece for comfortable viewing. If you wear glasses, keep the eyecup retracted. If not, extend it to block stray light.
4. **Extend Sunshade:** If viewing in bright conditions, extend the retractable sunshade located on the main tube to reduce glare.

OPERATING INSTRUCTIONS

1. Focusing

To achieve a clear image:

1. Point the spotting scope towards your desired subject.

2. Adjust the zoom magnification to the lowest setting (25x) for a wider field of view and easier focusing.
3. Rotate the focusing knob (located on top of the scope body) until the image appears sharp and clear. Make small, precise adjustments.

2. Zooming

The SV28 offers variable magnification from 25x to 75x:

1. Once focused at 25x, slowly rotate the zoom ring on the eyepiece to increase magnification up to 75x.
2. As you increase magnification, you may need to make minor adjustments to the focusing knob to maintain image sharpness.



Image: Visual representation of the 25x to 75x magnification range, showing how the view of a bird changes at different zoom levels.

3. Using the Smartphone Adapter

The included universal smartphone adapter allows you to capture photos and videos through the spotting scope:

1. Attach the phone adapter to the eyepiece of the spotting scope.
2. Secure your smartphone into the adapter, ensuring the phone's camera lens is aligned with the

eyepiece.

3. Adjust the phone's position and the scope's focus until a clear image is visible on your phone screen.

4. Use your phone's camera app to capture images or record videos.

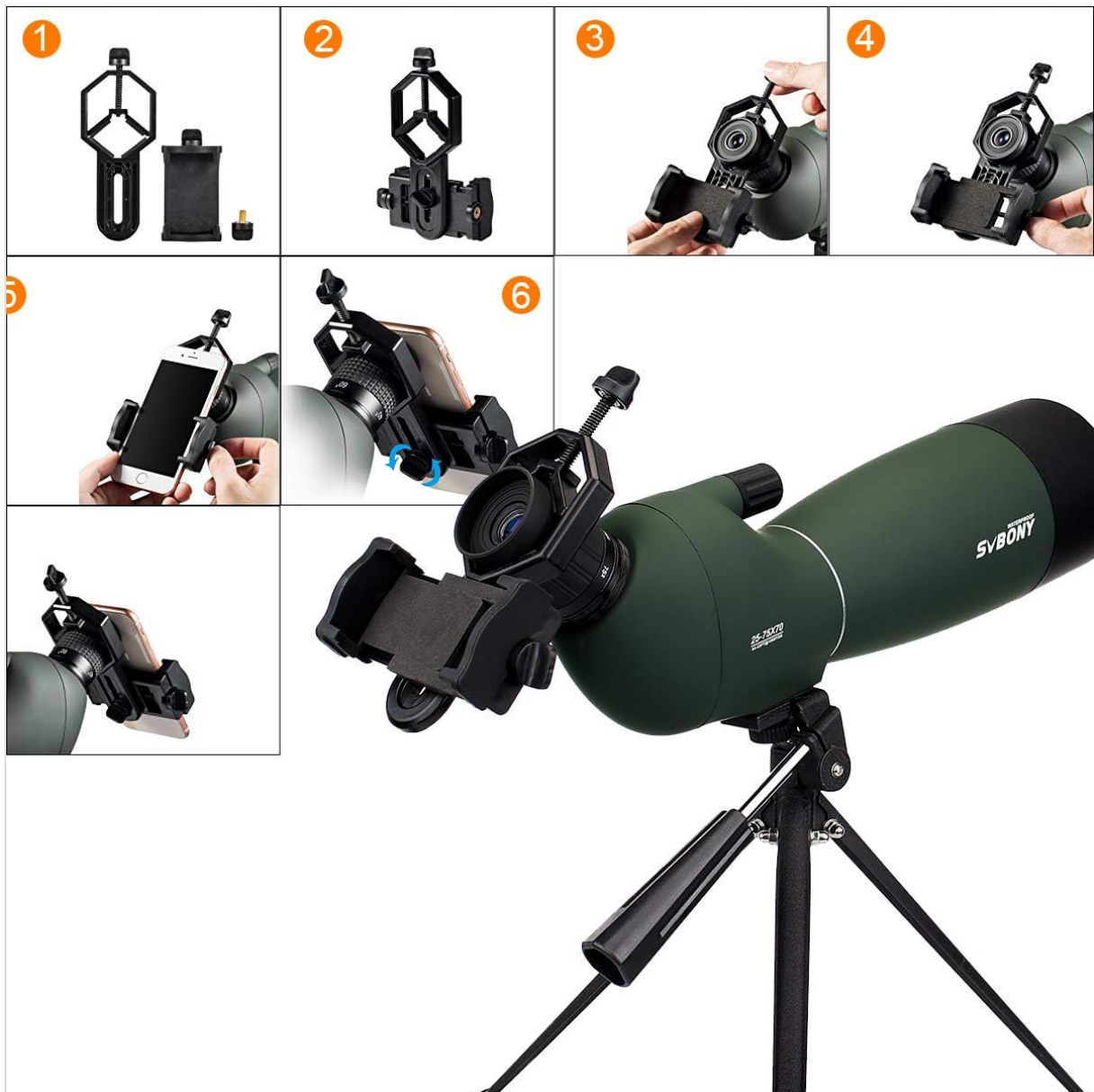


Image: A step-by-step guide showing the installation of the universal smartphone adapter onto the spotting scope.

4. Eyecup Adjustment

The adjustable eyecup provides comfort and helps optimize the field of view:

- For users without glasses, extend the eyecup to the desired position to prevent stray light from entering and to maintain proper eye relief.
- For users with glasses, retract the eyecup fully to allow your eye to be closer to the eyepiece, providing a full field of view without removing your glasses.

5. Sunshade

The retractable sunshade helps improve viewing quality in bright conditions:

- Extend the sunshade by pulling it forward from the objective lens housing. This reduces glare and protects the lens from rain or dust.
- Retract the sunshade when not needed or for storage.

MAINTENANCE

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

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces. For stubborn smudges, use a small amount of optical lens cleaning fluid applied to the cloth, not directly to the lens.
- **Cleaning Body:** Wipe the body of the spotting scope with a soft, clean cloth. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the spotting scope in its carrying case in a cool, dry place when not in use. Avoid extreme temperatures and high humidity.
- **Waterproof/Fogproof:** The SV28 is designed to be waterproof and fogproof (IP65 rated). While it can withstand splashes and light rain, avoid submerging it in water. If it gets wet, wipe it dry promptly.



Image: The spotting scope demonstrating its waterproof capabilities, partially submerged in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Incorrect focus adjustment.	Rotate the focusing knob slowly until the image is sharp. Start at the lowest magnification.
Dark edges or vignetting in the view.	Eyecup not adjusted correctly or eye not centered.	Adjust the eyecup for proper eye relief. Ensure your eye is centered with the eyepiece.
Image is dim or lacks contrast.	Low light conditions, dirty lenses, or high magnification.	Clean lenses. Reduce magnification if in low light. Extend sunshade to reduce glare.
Smartphone adapter not holding phone securely or camera not aligning.	Incorrect phone placement or adapter adjustment.	Ensure phone is firmly clamped. Adjust phone position within the adapter until the camera lens is perfectly aligned with the eyepiece.

SPECIFICATIONS

Feature	Specification
Brand	SVBONY
Model Name	SV28

Feature	Specification
Magnification	25-75x
Objective Lens Diameter	70 mm
Eyepiece Description	Standard, 45-degree angled
Prism Type	BAK4 Porro Prism
Lens Coating	Multi-Coated
Field of View (at 1000m)	20-13 meters
Eye Relief	16-14 mm
Exit Pupil	3-1 mm
Focus Type	Manual Focus
Waterproof Rating	IP65 (Anti-fog, Waterproof)
Product Dimensions (L x W x H)	41 x 16 x 11 cm
Item Weight	1.4 Kilograms
Compatible Devices	Most smartphones (with included adapter)

WARRANTY AND SUPPORT

Svbony offers the following warranty and support for your SV28 spotting scope:

- **Lifetime Warranty:** A lifetime warranty is provided 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, maintenance services are still available. Buyers are responsible for any associated costs.
- **Customer Support:** For any inquiries or support needs, please contact Svbony customer service via Amazon. Responses are typically provided within 12 hours.