

Product Manual

Model No: BOS72/ BOS80



Feature

- Comfortable Binocular type viewing for long time use for high power.
- Premium optics design of the patented built-in binoviewer.
- ED Lens Ohara S-FPL-53, almost zero aberration and distortion to bring the sharp image.
- Unique linear slides (IPD) interpupillary distance from 58-74mm.
- Durable protect carrying case
- Exchangeable eyepieces to provide different magnification.

Specification

Model No	BOS72	BOS80
Aperture	72mm	80mm
Focal Length of Objective Lens	432mm	500mm
Focal Ratio	f/6.0	f/6.25
Diagonal	Patented built-in binoviewer	
Lens Coating	ED Lens, fully multi-coating	
Field of View	2.3°	2.0°
Field of View at 1000 yds	119 ft	103 ft
Near Focus	18.9 ft / 5.75M	32.8 ft / 10 M
Tripod Socket	Standard 1/4"-20 UNC	
Dimension(L x W x H)	332 x 107 x 249mm	371 x 107 x 249 mm
Standard Eyepieces	ALIEN Eyepiece-Focal length 12.5mm eyepieces*2pcs 20mm long eye-relief, 1.25" barrels	
Magnification (with FL:12.5mm eyepieces)	35x	40x

What is in the Box

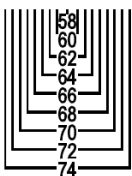


1. Strong Blow Molding Box (Carrying case)
 2. Bino One Scope
 3. 12.5mm ALIEN Eyepieces (Long eye-relief 20mm)*2pcs
 4. Tripod Socket
 5. Vixen Type Dovetail Plate
 6. Product Manual
 7. Product Card
- (Take out other eyepieces foam, you could put more eyepieces in the case)

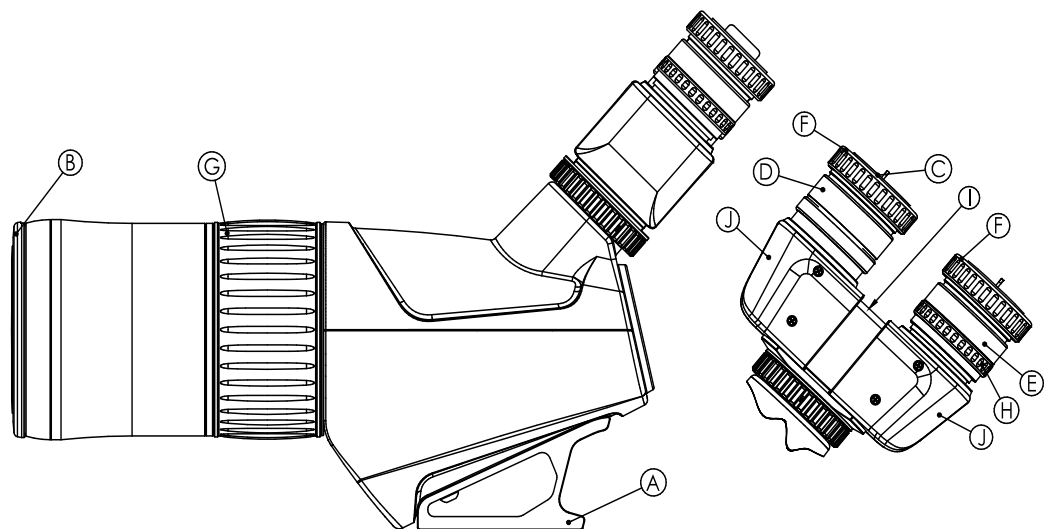
Usage

Name of Parts

- A. Tripod Socket
- B. Objective Cap
- C. 1.25" Eyepiece Holder Cap
- D. Left Eyepiece Holder
- E. Right Eyepiece Holder
- F. Eyepiece Twist Lock
- G. Focus Ring
- H. Diopter Focusing Ring
- I. IPD Scale (58-74mm)

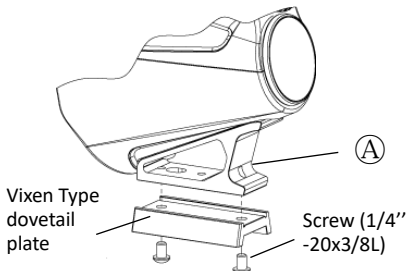
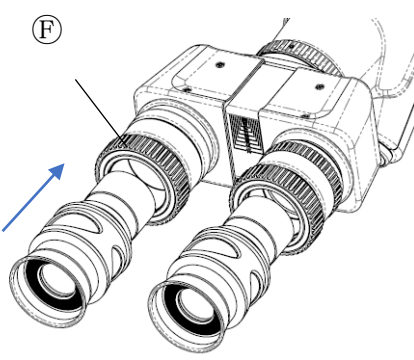
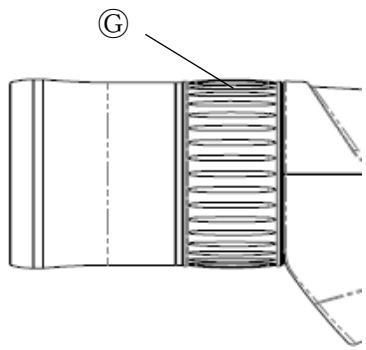
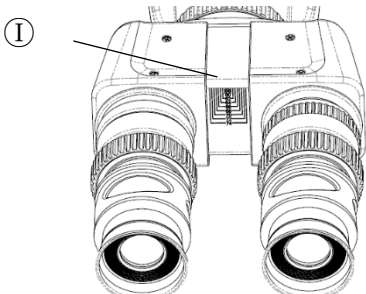


- J. IPD Adjustment Casings



Bino One Scope

Installation

Mounting the Bino One Scope	1. Set up your tripod and take out the scope from the storage box. Mount your scope to tripod by screwing standard 1/4" connection knob on mounting platform of tripod into ① Tripod socket until it is securely attached. You can also use Vixen type dovetail plate which we includes in the combo set.	 Vixen Type dovetail plate Screw (1/4" -20x3/8L)
Installing eyepiece	2. Rotate two ② Eyepiece twist locks in counter clockwise direction, then remove ③ 1.25" eyepiece holder caps and ④ Objective cap from the scope. Insert two 12.5mm ALIEN eyepieces on both left and right sides. Rotate ② Eyepiece twist locks clockwise to fix the eyepiece. ALIEN is a 12.5mm eyepiece with 20mm long eye-relief, 55° FOV. If you have different FL eyepiece, please always make sure they have the same focal length.	
Focusing	3. Adjust the left side eyepiece first: Close your right eye and look at the left side eyepiece with left eye to adjust ⑤ Focus ring until the image is clear. Adjust the right side eyepiece: Close your left eye and look at the right side eyepiece with right eye to see if it's also clear. If not, you may adjust ⑥ Diopter focusing ring, which marked + ◀ ▶ - scales until the right image becomes to clear and sharp.	
Linear slides Interpupillary distance adjustment From 58-74mm	4. Through the unique linear system, hold both sides of ⑦ IPD adjustment casings to move inward and outward to get the best interpupillary distance (IPD) between your eyes until two images merge into one. Remember the ⑧ IPD scale (58~74mm) would be helpful for quick set up next time. Now, you are done! Enjoy the Bino One Scope now.	

Magnification Calculation

To calculate power, divide the focal length of the eyepiece into the focal length of the objective lens.

Example: The model with aperture 80mm has an objective lens focal length of 500mm; when the bino spotting scope is with 2pcs the same focal length 12.5mm eyepieces, a power of $500\text{mm} / 12.5\text{mm} = 40$ power (written as "40X") results.

Storage and Cleaning

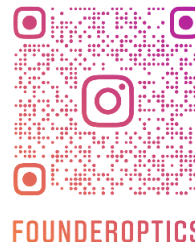


Please avoid to storage in a humid environment. This is recommended always keep Bino One Scope in the carry case to protect the products.



Careless handling of cleaning on the lens surface may damage the multi-coated treatment. Do not use inappropriate fluid or tissue to clean the lens.

Please remove as much dust and dirt as possible from the lens with a blower or soft-bristled brush. Use lens cleaning tissue and fluid that designed for multicoated lenses. Wipe in concentric circles and work from the centre out with circular motion.



FOUNDEROPTICS

www.founderoptics.com

E mail: sales@founderoptics.com

Made in Taiwan

CAUTION !

1. Never look at the sun through your scope directly. Doing so can cause permanent damage to your eyes, including blindness.
2. Always be sure your scope is properly held, secured, or stored.

