BARSKA®

NVX200

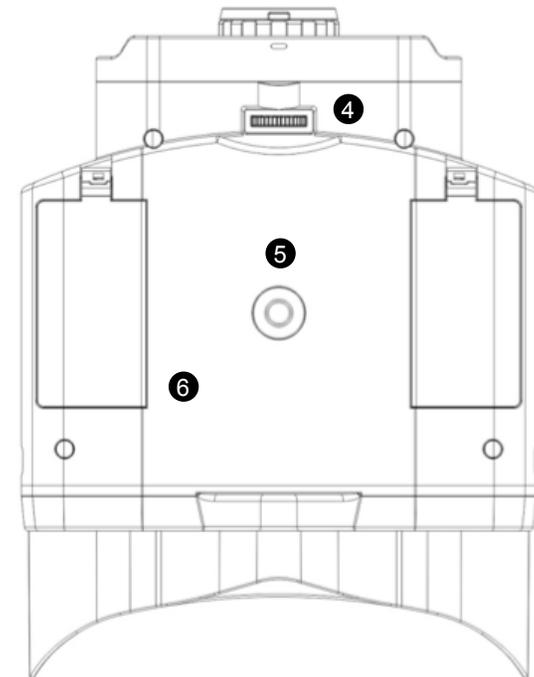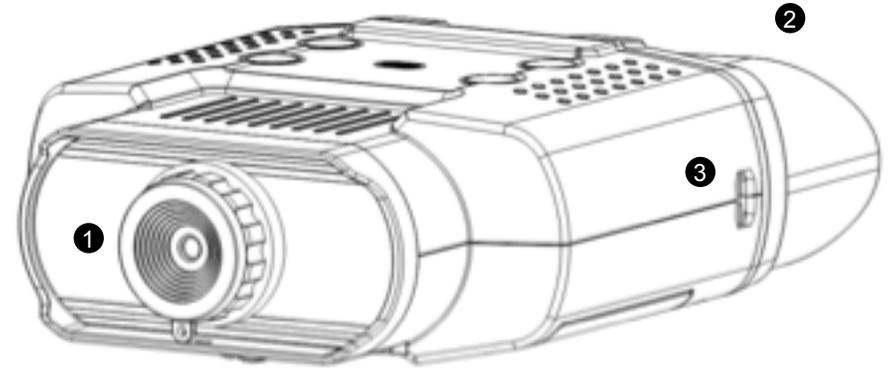## Night Vision Monocular

CAUTION: DIRECTLY VIEWING THE SUN OR ANY LIGHT SOURCE WITH THIS OPTICAL DEVICE CAN CAUSE PERMANENT EYE DAMAGE.
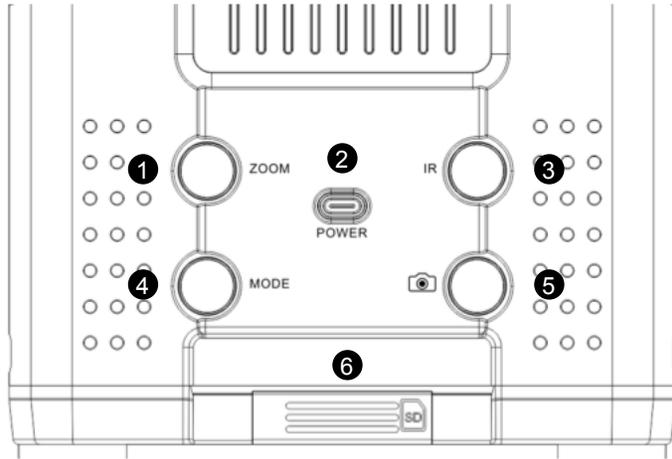

Contents

Parts of the Monocular

1 Objective with Ocular Lid
2 Eyepiece
3 Neck Strap Eyelet
4 Focus Wheel
5 Tripod Adapter
6 Battery Compartment

| Menu Buttons		
1	Zoom	Under Photo and Video Mode, press Zoom to zoom in at multiple levels. The maximum zoom is 2X. Once reaching 2X, keep pressing to go back to 1X.
		Under Playback mode: Press Zoom to playback to the next file.
		Under Menu mode: Press Zoom to go up.
2	Power	Long press for power on and off
3	IR	Under Photo and Video Mode: Press IR for 8 levels of brightness (0->1->2->3->4->5->6->7->0…)
		Under Playback mode: Press IR to playback to the previous file.
		Under Menu mode: Press IR to go down.
4	Mode	There are 4 modes: Photo 📷 / Video 🎥 / Playback ▶ / Menu (in a loop).
		When the power is on, the default mode is Photo.
		Press Mode to change to the next mode.
5	📷	Under Photo mode: Press 📷 to take photos.
		Under Video mode: Press 📷 to start video recording, and press one more time to stop recording.
		Under Playback mode: Press 📷 to enter selected item.
6	SD Card Slot	Not to delete all the files in SD card

Quick Start

Batteries
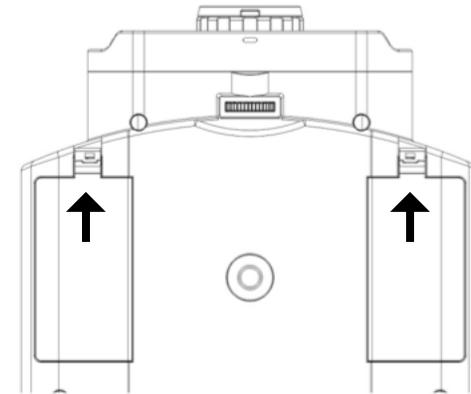
1. Open the covers.
2. Put in 4 AA Alkaline batteries in each compartment in the directions of + and –.
3. Close the battery compartments.

Note: Remove battery when not in use

SD Card (For Photo And Video Taking)

1. First make sure the power is off.
2. Then insert the card in the direction as shown. Push the card into the slot to lock it.
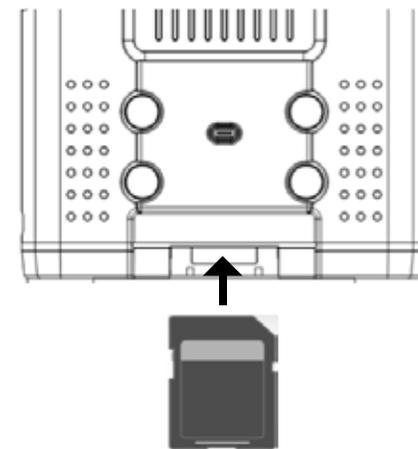
3. To remove the card, first turn off device then push it in to release. When the card is partially ejected, pull it out.

Note:
When using a card with previous files saved, it is recommended to save the files to your computer first, and format the card before use. To format the card, press Mode several times to reach menu, and select "Format SD".

If the "Memory Full" warning message appears on the LCD screen, the SD card is full. Please transfer all the files to your computer and delete the files on the card. Then the card can be used again.
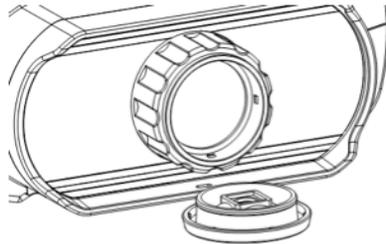
Turn On The Monocular

1. For day use, first cover the lens with the lid. For night use, take off the lid. (Note: Uncovering the lid during the day time will NOT damage the lens, but it will affect the image quality.)
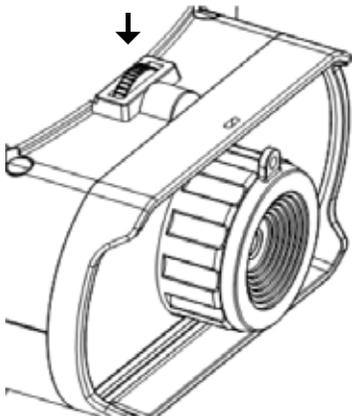
Lid ON for day use
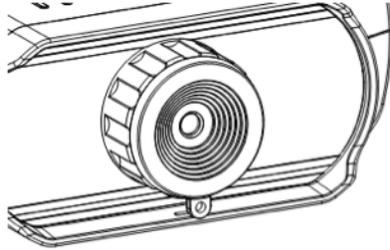
Lid OFF for night use

2. Long press the Power button to turn on the binocular. Once the power is on, look into the LCD screen inside for preview.
3. Adjust the focus by turning the focus wheel at the front bottom.

4. For night use, turn on the IR by pressing the IR button. Increase the brightness by pressing the button repeatedly. It has 7 levels of brightness.
5. Long press the Power button to shut down the binocular.

Take A Picture

1. When the power is on, the binocular is automatically under the picture mode.
2. Check the left bottom corner of the screen for the 📷 icon. If the 📷 icon is not showing, press Mode multiple times until the icon shows up.
3. Adjust the focus by turning the focus wheel. (see "Turn on the Binocular" section for details)
4. If at night, adjust the brightness by pressing IR. (see "Turn on the Binocular" section for details)
5. Press 📷 to take pictures.

Take A Video

1. Turn on the Binocular.
2. Press Mode to enter video-recording mode. Check the left bottom corner of the screen for the ▸🎞 icon. If the ▸🎞 icon is not showing, press Mode until the icon shows up.
3. Adjust the focus by turning the focus wheel. (see "Turn on the Binocular" section for details)
4. If at night, adjust the brightness by pressing IR. (see "Turn on the Binocular" section for details)
5. Press 📷 to start video recording, and press it again to stop recording.

Digital Zoom

Press Zoom to zoom in at multiple levels up to 2X. Once reaching 2X, keep pressing to go back to 1X.

Playback

1. Press Mode until icon ▶ shows on the top left corner of the screen.
2. The LCD Screen will show the last file saved. If it was a photo, the photo will show on the screen, with "JPG" wording on the left bottom corner. If it was a video, wording "AVI" will show on the left bottom corner.
3. Press 📷 to play, delete, delete all, or exit.
4. Press IR to go to the previous file, and press Zoom to go to the next file.
5. To delete photo or video, press 📷 move down by pressing IR button, then press 📷 to select. Screen will ask you if you are sure, press 📷 on yes to delete.

Display Information

Photo Mode	

▢   00038
        ⒮Ⓓ
 	
LCD Screen
 	
            ▭	

📷	Photo Mode: Ready to take picture. Press 📷 to take pictures.
00038	Number of files (including photos and videos) taken
⒮Ⓓ	SD Card installed and ready for photos. If ⒮Ⓓ is showing, power off and then insert the SD
▭	Battery Status

Video Mode	

▶🎥   00:45:00
        ⒮Ⓓ
 	
LCD Screen
 	
            ▭	
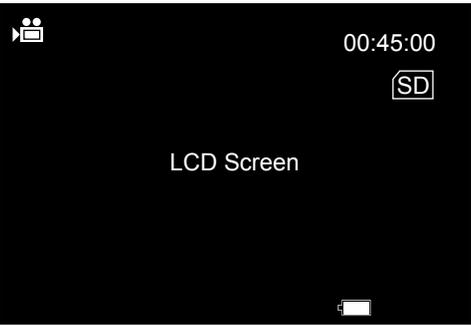
▶🎥	Video Mode: Ready to take videos. When pressing to record, the time starts running. Press again to stop recording
00:45:00	Minutes of videos taken
⒮Ⓓ	SD Card installed and ready for photos. If ⒮Ⓓ is showing, power off and then insert the SD
▭	Battery Status

Playback Mode Video	
▶ 38/38 LCD Screen AVI ▭	
▶	Playback Mode
38/38	This means current file is the 38th among 38 taken (including photos and videos).
AVI	This means the file shown is a video. Press 📷 to view. To go to the previous file, press IR.
▭	Battery Status

Playback Mode Image	
▶ 37/38 LCD Screen JPG ▭	
▶	Playback Mode
37/38	This means current file is the 38th among 38 taken (including photos and videos).
JPG	This means the file shown is a photo. To go to the previous file, press IR.
▭	Battery Status
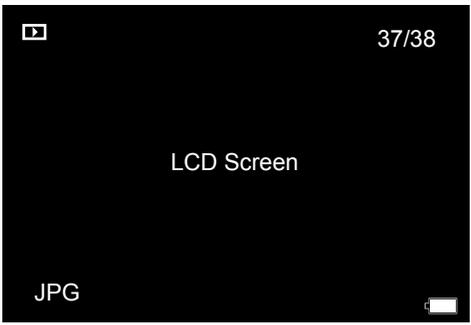
Menu Settings

This is to set up parameters for the binocular if you wish to change default settings. Press Mode multiple times until the Menu shows up. Press IR to go down the menu, or Zoom to go up the menu. Press 📷 to enter. Once the desired setting is selected, press 📷 to save it. Press Mode to exit back to the photo mode.

Menu		
	Format SD	To delete all the files in SD card
	Power Save	To set up auto power off
	Date	To set up the date
	Time	To set up the time
	Flicker	50Hz (Default setting for EU)
	LCD Backlight	60Hz (Default setting for U.S. and Japan)
	Date/Time Tag	To select the brightness level of the LCD screen
	Version	To show date and time on the photos
Format SD		
	Yes	To delete all the files in SD card
	No	Not to delete all the files in SD card
Power Save		
	Off	No auto power off (Default Setting)
	5 min	Auto power off in 5 mins without actions
	10 min	Auto power off in 10 mins without actions
	15 min	Auto power off in 15 mins without actions
	30 min	Auto power off in 30 mins without actions
Date		
	YY/ MM/ DD	Press 📷 to enter
		Press Zoom and IR to go left and right, up and down, Press 📷 to saved settings
Time		
	hr / min / sec	Press 📷 to enter
		Press Zoom and IR to go left and right, up and down
		Press 📷 to saved settings

Flicker		
	50Hz	Default setting for EU
	60Hz	Default setting for U.S. and Japan
LCD Backlight		
		Default setting is 10 Slide Bar in 16 levels (0-15) of brightness
Date / Time Tag		
	Off	Default setting is off
	On	
Version		
		Version of the Firmware for reference only

Trouble Shooting

Binocular Power Off	If the binocular fails to activate, check for defective, missing or improperly-installed batteries. Replace or install batteries correctly. Please make sure to use Alkaline batteries.
Poor Image	If you wear glasses, please keep them on while using the binocular.
	If at day, make sure the protection lid is on. If at night, make sure the protection lid is off.
	Adjust the focus by slowing turning the Focus Wheel at the front bottom of the binocular. Make sure it is focused.
Why is "Please insert SD Card" message showing on the screen while the SD card has been inserted?	Please turn off the power, insert the card, and check again. The SD card needs to be inserted when the power is off.
	If the issue persists, please check the SD card compatibility. In some cases, SD card holders that hold micro SD cards may have minor differences than regular SD cards, causing the failure for the card to be read. In this case, try inserting another SD card.

Viewfinder	EVF mode
Aspect Ratio	4:3
Aperture	1.4 with adjustable aperture Day and Night dual mode
Operation	Preview / Photo Play back
Visual Distance	100M (110 yards) at Night, 400M (440 yards) at Day
Zoom	Up to 2X
Object Lens Focus	Manually adjust
Visual Angle	10° degrees
Photo Taking	10° degrees
Video Taking	Yes
Luminance	IR LED / total 2W
External Memory	Up to 32GB SD card
Power Supply	Alkaline AA battery x 8
Power Consumption	2.5W with IR LED fully on
Size	18.5cm X 14.5cm X 5.5cm (approx..)/ 7.28" X 5.70" X 2.16" (approx..)
Net Weight	603g (approx.)/ 1.33lbs (approx.)
Color	Black

1 YEAR LIMITED WARRANTY

NIGHT VISION MONOCULAR

BARSKA® Optics, as manufacturer, warrants this new precision optical product to be free of original defects in materials and/or workmanship for the length of time specified by this warranty. This warranty does not include damage caused by abuse, improper handling, installation, maintenance, normal wear-and-tear, unauthorized repairs or modifications and tampering in anyway.

This warranty is limited to the original purchaser and is not transferable. This warranty applies only to products purchased in the United States of America and Canada.

In the event of a defect within 30 days, the consumer must return the defective unit to the BARSKA dealer (the place of purchase) at his/her own expense.

Beyond 30 days, BARSKA products should be sent to the following address for warranty repairs. Products must be packed carefully and sturdily to prevent damage in transit, and returned freight prepaid to:

BARSKA® OPTICS
Repair Department
855 Towne Center Drive
Pomona, CA 91767

For additional and updated information
please visit our website at www.barska.com

Please email info@barska.com or call 1-888-666-6769 for Return Merchandise Number (RMA#) before any returns.
NOTE: All merchandise received without a valid RMA # will be returned to shipper at his/her own expense.

Please include all of the following when returning BARSKA products for service and/ or replacement:
1. Please write your complete details (Name, Address, Telephone #, E-mail address, RMA#, etc.)
2. Purchase receipt or Proof of Purchase. (Original/Copy)
3. A brief explanation of the defect.
4. A Check/Money Order of $25.00 to cover inspection, shipping and handling.
*Please allow 6-8 weeks for delivery.

This product will either be replaced or repaired at the discretion of the warrantor. If it's a discontinued item, we will replace the product with an equivalent product. Should the repair not be covered by this warranty, an estimate will be sent for your approval. Non-warranty repairs or refurbishing of your optical products are always provided at a reasonable cost.

BARSKA® Optics shall not be liable for any consequential, incidental and/or contingent damages whatsoever. We will not pay shipping, insurance or transportation charges from you to us, or any import fees, duties and or taxes. This warranty supersedes all previous BARSKA® Optics warranties.

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