



## 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](http://www.barska.com)

Please email [info@barska.com](mailto: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.



## NVX100 Night Vision Monocular



### Includes

8 GB Micro SD Card, MINI USB Cable,  
AV Cable, Neckstrap and Soft Carrying Case

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



**Parts of the Night Vision Monocular**

- |   |                               |    |   |
|---|-------------------------------|----|---|
| 1 | IR Lens Cover, Objective Lens | 9  | Micro USB Port                                    |
| 2 | IR Illuminator                | 10 | Micro SD Port                                     |
| 3 | AV Output Port                | 11 | Eyepiece  |
| 4 | Zoom Button                   | 12 | Focus Ring  |
| 5 | Mode Button                   | 13 | Tripod Adapter                                    |
| 6 | Shutter                       | 14 | Battery Compartment                               |
| 7 | IR Button                     | 15 | Myopia and Presbyopia Tuner                       |
| 8 | On/Off Switch                 |    | - Eyepiece adjustment for people who wear glasses |
|   | - Located on the side         |    |   |

Installing The Batteries

1. Remove Battery Compartment cover.
2. Insert 4 AA batteries and restore Battery Compartment cover.

Micro SD Card

Note requires a Micro SD card to operate. If no Micro SD card is detected the device will prompt "Please insert SDcard".

1. Insert the Micro SD card in the Micro SD Port until it locks in place.
2. To remove the installed Micro SD card, push in the Micro SD card and it will be released from the port.

Storage capacity: 8GB above recommended

On

Slide the on/off switch forward for a few seconds.

Taking Photos

1. Press the [MODE] button until you are in photo mode.
  - The screen shows [cap] in the lower right corner.
2. Press the [Shutter] button to take a photo.

Taking Videos

1. Press the [MODE] button until you are in video mode.
  - The screen shows [video] in the lower right corner.
2. Press the [Shutter] button to take start recording the video and press [Shutter] button again to stop recording.

Zoom

Press the [ZOOM] button to view 1x-2x digital zoom.

Using IR

Use the IR when the environment is dark.

Press the [IR] button, remove the IR Lens Cover and press the [IR] button to adjust the 7 levels of brightness.

Viewing Photos and Videos on the Monocular

1. Press the [MODE] button until you are in playback mode.  
- The screen shows [PLY] in the lower right corner.
2. Press the [IR] Button to move forward and [ZOOM] button to move backward between images and videos.

Delete

1. Press the [Shutter] button to delete file.
2. Press the [ZOOM] to delete selected file or press [IR] Button to delete all files.

OFF

Slide the on/off switch forward for a few seconds until the unit turns off

| MODE    | Video / Photo / Playback / Menu  |
|---------|--|
| Shutter | Video mode: Press to start recording and stop recording video<br>Photo mode: Press to take photo<br>Playback mode: Press to delete the photo or video<br>Menu mode: Press to confirm       |
| ZOOM    | Video mode: Press to zoom out.<br>Photo mode: Press to zoom out.<br>Playback mode: Press to select the previous photo or video<br>Menu mode: Press to select the previous menu             |
| IR      | Video/Photo mode: Press to start IR, every click, the IR brightness will be increase<br>Playback mode: Press to select the next photo or video<br>Menu mode: Press to select the next menu |

LCD display Information

Video Mode

1. Remaining time of recording
2. Brightness of IR from 1 to 7
3. Currently in Video Mode
4. Battery power

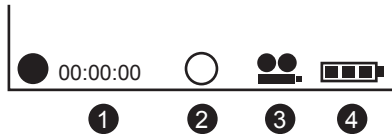
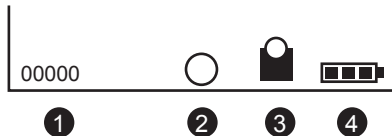


Photo Mode

1. Remaining quantity of photos
2. Brightness of IR from 1 to 7
3. Currently in Photo Mode
4. Battery power



Menu mode

|            |   |
|------------|---|
| FORMAT     | Format the SD card  |
| Power Save | Power saving mode: Can be set to automatically shut down when not operating |
| TV Out     | The video output mode can be set  |
| Flicker    | Anti flicker settings   |
| Version    | The current version   |

Display Videos and Photos on TV

Note when the monocular is connected to the TV, the screen of the monocular will not work.

1. Connect the AV output port of the monocular with AV cable.
2. Connect the other end of AV cable to TV.
3. Press [ZOOM] button to select the image or video and press [IR] to go to next image or video.

Transfer Files to a Computer

Using the USB cable, you can connect the monocular to the computer.

Product Specs

|                     |                        |  |
|---------------------|------------------------|--|
| Optical Performance | Magnification          | 3x   |
|                     | Digital Zoom           | 2x   |
|                     | Objective Aperture     | 14.5mm                                     |
|                     | Angle Of View          | 14°  |
|                     | Exit Pupil Distance    | 20mm                                       |
|                     | Min Focus Range        | 1m   |
|                     | F# for Objective Lens  | 1.1  |
| Imager              | Viewing Distance       | 100m                                       |
|                     | Sensor                 | CMOS                                       |
|                     | Size                   | 1/5"                                       |
| Displayer           | Resolution             | 640 x 480                                  |
|                     | Screen Size            | 35" at 2M                                  |
| Lighting System     | Resolution of Screen   | 320 x 240                                  |
|                     | Luminance              | 3W Infrared LED                            |
| Power               | IR Wavelength          | 850nm                                      |
|                     | Working Voltage        | 4.5v-6.0v                                  |
|                     | Power Supply           | 4 x AA Battery                             |
| Signal Processing   | Battery Life           | 2-5 hours                                  |
|                     | Video Recording Format | H.264                                      |
|                     | Output                 | USB  |
|                     | AV supporting          | NTSC/PAL                                   |
| Size                | Storage                | Micro-SD Card                              |
|                     | Dimension              | 134 x 92 x 47 mm / .27 x 3.6 x 1.85 inches |
|                     | Weight                 | 250g / .55 lbs                             |