

Night Storm Night Vision (NV) Monocular



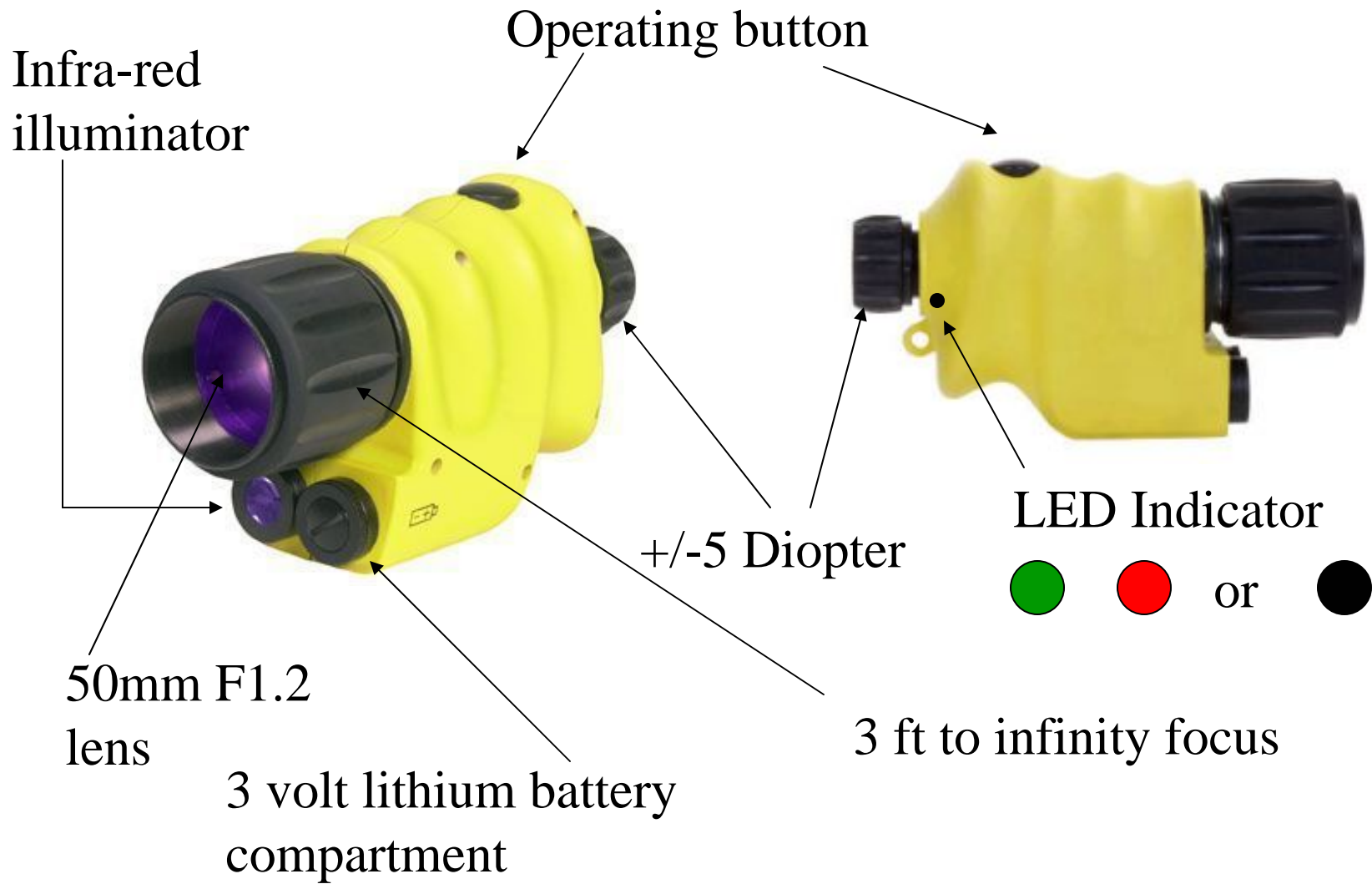
Charlottesville-Albemarle Rescue Squad's
Water Rescue Team

Jim Miller, Water Rescue Captain

General Information

- ATN “Night Storm” Night Vision Monocular
- Generation 3
- Cost: \$2,400
- Water Proof (but not for diving!!)
- Built in Infra-Red light intensifier
- Battery life: 10-20 hours
- Battery: 3.0 volt Lithium (Size 123A)
- Weight: 9.5 ounces
- Operating Temperature: -30 F to +110 F

Features



Important

DO NOT REMOVE LENS COVER IN BRIGHT LIGHT WHILE THE UNIT IS POWERED UP. IT WILL DAMAGE THE IMAGE INTENSIFIER TUBE.

There is a small hole in the protective lens cover (acts as a daylight filter) to allow you to practice using it in bright light

Even with the protective lens cover on, do not operate in daylight for more than 10 minutes



Lanyard Attachment Point, on the CARS unit

Using the Night Storm

- Operating (Power) Button:
 - Push once: Goes into normal NV mode
 - LED Indicator: Becomes GREEN
 - Push a second time: Stays in NV mode with the addition of the infra-red light source
 - LED Indicator: Becomes RED
 - Push a third time: Turns unit off
 - LED goes OFF (BLACK)
- Infinity Focus and Lens
 - Look at object in the distance and adjust front lens till becomes in focus
- Diopter
 - Adjusts to one's vision. Adjust till image is clear.
 - If you wear glasses, may want to use monocular w/o your glasses.

Infra-red (IR) Illuminator

- Infra-Red illuminator is used to enhance the performance of the NV Monocular.
- Push operating button a 2nd time (**Red LED**)
- Why does it help?: If there is little illumination (such as a river bank, on a cloudy night), turning ON the IR will give enough light to allow the NV Monocular to work.
- You will not likely see big difference with the IR ON, if there is a fair amount of background light.

Few other things

- Make sure the battery is installed correctly, it can damage the internal components if polarity is reversed
- Replace battery if the screen starts to flicker
- Use only lens paper to clean lens
- Stored in a yellow Pelican case on WR-136 in the crew compartment (right side of bench)
- Please use lanyard while handling
- Contact Rescue-108 with questions