

# VECTOR OPTICS

DIAMOND

INSTRUCTION FOR

SCRD-17 WRAITH 1X22X33 REFLEX SIGHT



## TECH SPECIFICATIONS

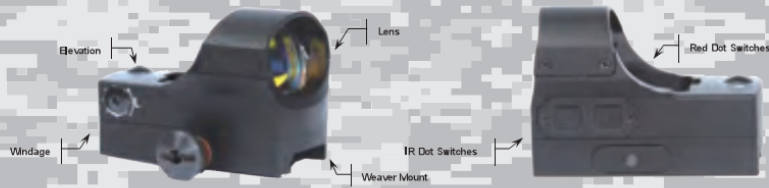
Magnification	1.0x
Sight Window Lens Size	22x33mm
Eye Relief	Free
Length	66mm (2.6 inch)
Width	40mm (1.6 Inch)
Height	42mm (1.7 inch)
Weight (net)	115g (4.0 ounce)
Optics Coating	Multi Coated
Field of View (ft@100yds)	138 feet
Adjustment per Click	1 MOA
Brightness levels	Six
Parallax	<3' at 50 yards
Elevation Range	±20MOA
Windage Range	±20MOA

The Sight is with:

- CR2032 Battery
- Instruction
- Tools
- Cleaning Cloth
- Package



**Congratulations, you have purchased one of the most advanced Multi Reticle Reflex Sights available**



**ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION**

**SPECIAL FEATURES INCLUDE**



- The tubeless design reflex lens provided a wide field of view, suitable for quick target acquisition or shooting moving target
- Parallax corrected and unlimited eye-relief.
- Easy to adjust windage and elevation click adjustments.
- Built-in Weaver type mount for installation on Weaver or Picatinny type rails, no need to re-zero when remounting the sight.
- Very light weight, water-resistant and shockproof.
- Low power consumption

**TURNING ON & ADJUSTING THE BRIGHTNESS LEVEL**



- Located on the left side of the Optic body, controls the brightness for the unit. There are 6 brightness levels for the illuminated dot
- Pressing the NV button will turn the night vision invisible dot on the sight
- The SUN symbol button controls the red color dot on the sight
- To adjust brightness level of the reticle intensity you simply press button again to increase the brightness up one level each time
- You can increase the brightness level to #6, which is the highest setting (cycle from #1 to #6)
- Pressing the NV Button down or SUN symbol and holding the unit will turn off. Auto shut-down without action about one hour

Adjust the brightness level as needed in accordance with the surrounding conditions. The illumination will increase reticle visibility especially during dawn and dusk.

Using a higher brightness setting than needed for the surrounding ambient light will cause unwanted effects on the reticle like star bursting, ghosting, dot showing from reflection. So use the proper brightness setting for the surrounding ambient lighting.

**BATTERY EXCHANGE**



Your reflex sight is powered by one piece of CR2032 button battery. Should the dot grow dim or not turn on, you will need to exchange the battery. To exchange the CR2032 battery, just use proper screw driver to loosen the upside cap. Take out the used battery, exchange with a new one and then assemble the cap again.

**MOUNTING**



Your Reflex Sight includes an integrated Weaver type mount that fits Weaver & Picatinny rail bases. Set the mount onto the rail base so that the rail clamp bolt aligns with the crosscut grooves on your Weaver / Picatinny rail. Work the rail clamp into the rail until the clamping bolts seats onto the sight rail. Securely tighten the sight using the quick release lever (if equipped) or locking screw with an Allen wrench included with the Reflex Sight. (if equipped) The quick release sight may be adjusted for the proper tension by tighten the screw on the opposite side of the unit. Beware of over tighten of the mounting system it can damage the sight's mount if over tightened.

**ZEROING**



Select the dot style you desire and set the intensity of the dot at a suitable brightness level.

With the Reflex Sight mounted, rest the firearm onto a solid support and aim at a target 50 to 100 yards / meters away. Slowly shoot a small 3 to 5 round test group onto your target. Adjust the windage and elevation screws in the direction you want to move the bullet impact. Each click adjustment moves the point of impact by 1 MOA (approximately 1" at 100 yards, 1/2" at 50 yards.) Shoot another 3 to 5 round test group. Repeat until you are satisfied with the point of aim.

#### MAINTENANCE



Your Vector Optics Sight is shock proof, water-resistant, and fog proof. However, you should never try to take it apart or clean it internally. The exposed optical lens surfaces will perform their best if they are routinely cleaned with a lens brush or a lens cloth. For a deep cleaning, you can also use high grade camera lens paper and camera lens cleaning solutions. Never use any other type of materials or solvents other than those designed specifically for optical lenses to avoid damaging your optic. Clean the outer portion of the lens cavity first with cotton swabs, clearing as much debris and dust as possible. Then, gently clean the lenses using a circular motion starting in the center and ending at the edges. Do not rub the lenses continually; simply wipe in short circular patterns. Maintain the exterior surfaces of the optic by removing dirt or sand by using a soft brush or a soft, dry cloth. You can also use a silicone treated cloth to restore luster and protect the exterior of the Optic against corrosion. Be careful not to touch any of the lenses with the silicone cloth. It is not necessary to lubricate any part of the Optic as all of the moving parts, such as the turrets and the fast focus eyepiece, are permanently lubricated. When not in use, always store your optic in a dry place with the lens cap on to prevent scratches to the lenses.

IF YOU ARE UNFAMILIAR WITH ANY OF THE PROCEDURES IN THIS MANUAL, ALWAYS SEEK THE HELP OF A QUALIFIED PROFESSIONAL TO AVOID DAMAGE TO YOUR OPTIC AND YOUR FIREARM.

VECTOR OPTICS WILL NOT BE RESPONSIBLE FOR DAMAGE TO THE FIREARM FOR SIGHTS NOT PROPERLY INSTALLED OR USED.

#### WARRANTY INFORMATION



Your Vector Optics product is warranted free of defects in materials and workmanship for a period of 3 years from time of purchase by the original purchaser. Batteries are not covered under warranty. In the event of a defect under this warranty, we will, at our option, repair or replace the product. This warranty does not cover damages caused by misuse or improper handling. Also, this warranty is null and void if modification or maintenance is provided by someone other than Vector Optics. This warranty is non-transferable.

For details please visit our website

**[WWW.VECTOROPTICS.COM](http://WWW.VECTOROPTICS.COM)**

