



BLADE 1x25

SWAMPFOX

GUARANTEED TO LAST 50,000 LIVE ROUNDS

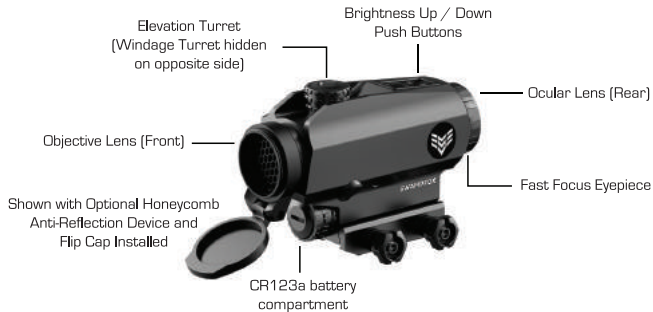
swampfoxoptics.com

MEET THE BLADE

Blade is the mission-driven 1x prism scope dedicated for home defense and law enforcement patrol rifle use. Every aspect of this optic has been carefully honed to address the challenges of home defense and police use of lethal force using the AR-15 rifle.

Features include:

- Unprecedented Bullet Rise Compensating (BRS) Reticle
- Glass etched reticle with adjustable fast-focus eyepiece
- Motion sensing auto-on / auto-off reticle illumination
- Included anti-reflection device



READ THIS FIRST! ADJUSTING THE FAST FOCUS EYEPiece

Blade features a glass etched reticle offering three advantages compared to red dot sights.

- Shooters with astigmatism or other eye issues that have difficulty perceiving red dot sights will find Blade's etched reticle to be crisp and sharp once they have adjusted the fast focus eyepiece.
- Blade's etched reticle appears as black with illumination off, making it usable even with a dead battery or no battery at all.
- Using a bright weapon-mounted white light can wash out a red dot and make the reticle very difficult to see. In this situation, the etched reticle appears as a black silhouette when the white light overwhelms reticle illumination.

The fast focus eyepiece changes the position of the ocular lens (lens closest to your eye when you look through the scope). This changes the focus of the reticle only, not the focus of objects you look at through the scope. You can perform this step before you have mounted the scope to your rifle. New in box the eyepiece is turned tight all the way to the right, but this is not ideal for everyone's eyes.

READ THIS FIRST! ADJUSTING THE FAST FOCUS EYEPIECE



1. Pick out a blank space such as a plain white wall or a patch of blue sky, look at it until your eye is focused at infinity.
2. Bring the scope up and look through the reticle, take note of how fuzzy or sharp the reticle is.
3. Adjust the eyepiece until the reticle is sharper, repeat steps 1-3 again as needed until optimum focus is achieved.

Everyone's eyes are different, someone else looking through your scope may need to readjust the fast focus eyepiece to suit them.

INSTALLING THE BATTERY

Blade uses a single CR123a battery mounted in the 1913 MIL STD “Picatinny” scope base. This battery arrangement avoids placing a bulky battery compartment or illumination control knob on the side of the optic, which might block your non-dominant eye’s vision while shooting with both eyes open. Removing the battery cap, install the battery with the positive (+) side facing the muzzle of the firearm. The battery can be removed and replaced without removing Blade from your firearm, avoiding the need to re-zero your optic after a battery swap.



ADJUSTING RETICLE ILLUMINATION

Reticle illumination is optional and controlled by push buttons located on top of the Blade. This location makes brightness level easy to manipulate for both left-handed and right-handed shooters.

Blade features 10 brightness settings. Blade is available in red illumination or green illumination variants. Press the “Up” arrow to increase brightness and the “Down” arrow to decrease brightness. The “Up” arrow is shaped like a dome (convex) and the “Down” arrow is shaped like a dish (concave) so you can feel the difference even in low light situations. The first two brightness settings, N1 and N2, are compatible with night vision devices and are very difficult to perceive with the naked eye.

ADJUSTING RETICLE ILLUMINATION

To turn reticle illumination completely off, press the “Down” arrow and hold it down for three seconds. Settings 9 and 10 are “daylight bright” and intended for use while outdoors in bright sunlight. In low light situations these brightness settings will make the reticle appear to bloom and lose resolution. The correct amount of reticle brightness creates good contrast with the target.

AUTO ON / AUTO OFF RETICLE ILLUMINATION

Blade includes motion-sensing auto on / auto off reticle illumination. After 225 seconds (just under four minutes) without motion, the reticle will shut itself off to preserve battery life. Blade will draw no power from the battery during this time. As soon as Blade is moved the reticle will “wake up” and immediately return to the previous brightness setting.

ZEROING THE BLADE 1X25

Blade's elevation adjustment turret is located on top of the scope body, with the windage turret along the right side. The turret caps are tethered to the scope body with steel lines to prevent them from being lost (not shown in diagram).

- To adjust point of impact up, turn the elevation turret clockwise.
- To adjust point of impact down, turn the elevation turret counter-clockwise.
- To adjust point of impact right, turn the windage turret clockwise.
- To adjust point of impact left, turn the windage turret counter-clockwise.

ZEROING THE BLADE 1X25

Sight in your rifle so that point of impact matches the tip of the Trident at 50 yards distance. Adjustment value is 0.5 MOA per click, so at 50 yards it will take four clicks to shift the point of impact one inch.

You can use your included Swampfox tool to adjust the elevation and windage turrets, or, out in the field, flip around the caps and use the cap tops to make your click adjustments.



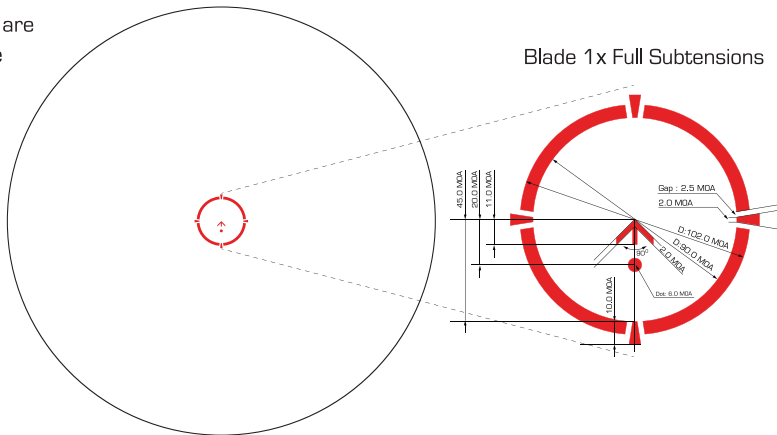
THE BULLET RISE COMPENSATING RETICLE

Blade's Bullet Rise Compensating (BRC) Reticle is optimized for home defense and law enforcement applications, where nearly all defensive rifle use occurs inside 50 yards, and the most significant chance of close quarters engagement occurring at 15 yards or less. Although gravity always pushes bullets downwards, at these close distances the bullet appears to "rise" from the muzzle to meet the point of aim in the optic due to the optic's mechanical offset or "height over bore". The BRC Reticle is broken down into the following holds when Blade is mounted on an AR style firearm or any other firearm with a similar optic mounting height over the barrel. The holds will not be as valid when Blade is mounted to an AK or other platform with radically different optic height over bore.

- Tip of the Trident: 50/200 yard "battlesight zero"
- Bottom of the Trident legs: 15 yard CQB hold
- Dot underneath the Trident: 10 yard CQB hold
- Carrot underneath the dot: 5 yard CQB hold

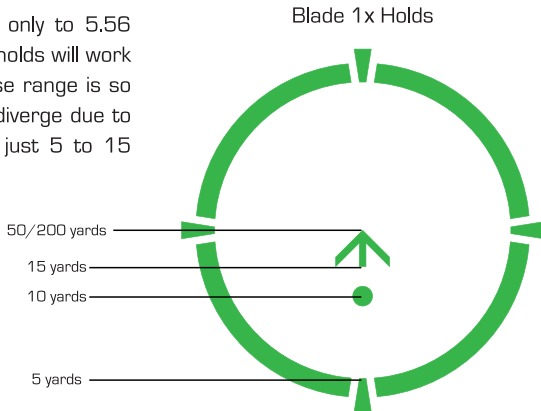
THE BULLET RISE COMPENSATING RETICLE

Full reticle subtensions are shown in the red reticle variant. Holdovers are shown in the green variant.



THE BULLET RISE COMPENSATING RETICLE

The 50/200 battle sight zero is applicable only to 5.56 NATO and .308 Win calibers. The rest of the holds will work with any barrel length and any caliber because range is so short. Bullet paths have very little chance to diverge due to velocity or ballistic coefficient differences at just 5 to 15 yards, so a .22lr point of impact is nearly identical to 9mm or 7.62x39.



BASIC BRC RETICLE STRATEGY

For nearly instant hits on targets at close range, ignore the center reticle details and just superimpose the entire reticle over the target, placing the outer ring on the part of the target you want to hit. With a bit of practice, very quick hits can be achieved, but accuracy is being sacrificed in exchange for speed.

From 25-50 yards, narrow your focus to the center Trident, and use the Trident tip as your point of aim if time allows to maximize accuracy. From 50-200 yards the tip of the Trident is the only valid point of aim, even if it takes more time to line up with the target.

ADVANCED BRC RETICLE STRATEGY / COMPETITION, HOME DEFENSE AND HOSTAGE RESCUE

Using the BRC close quarter holds involves decision making and range estimation. The potential benefit to accuracy must be weighed against the time taken to understand rough target distance and decide which reticle feature to use as the point of aim. Estimating target range in advance is a huge benefit.

- The competition shooter may know that a certain target array is 5 or 10 yards away before the timer beeps.
- The homeowner can use a tape measure to learn that the bedroom door is 5 yards away from the corner of the bedroom where the home defense carbine is stored.
- The most difficult application is the law enforcement hostage rescue shot, where time is critically short, the officer must determine the range very quickly and select the right hold to avoid potentially hitting an innocent.

THE HONEYCOMB ANTI-REFLECTION DEVICE

The included “honeycomb” anti-reflection device screws onto the front or objective side of the Blade. It helps prevent glare from sunlight or weapon light use, and helps prevent the red or green reticle illumination emitter from being seen from the front. The honeycomb can be a distraction if your eyes focus on it—the trick is to look THROUGH the optic and focus on the target area.

MAINTENANCE

Before cleaning your optic lenses, make sure to blow away any dust or grit on the lens to prevent the lens from scratching. Always use a soft cloth when cleaning your lens.

WARRANTY

Your Blade scope is backed up by the Swampfox Optics 50,000 Round Guarantee. Nope, we're not tracking shot data. We'll go by the warrior code and your best estimation on whether or not the optic failed prior to using it for at least 50,000 rounds. If something goes wrong and your Swampfox product no longer performs as intended, contact us by email at support@swampfoptics.com or visit support.swampfoptics.com online. Tell us what happened, and we will determine whether to repair or replace your scope. The 50,000 Round Guarantee cannot cover loss or theft, cosmetic damage, or intentional abuse.

SPECIFICATIONS

LENGTH	4.0"
WEIGHT	13.9 oz with battery
OBJECTIVE LENS DIAMETER	25mm
EXIT PUPIL	13.5 mm
EYE RELIEF	3.8"
FIELD OF VIEW AT 100 YARDS	73.3 ft
CLICK VALUE	0.5 MOA per click
TOTAL ELEVATION/WINDAGE ADJUSTMENT	90 MOA
LENS COATING	Anti-scratch, anti-fog, hydrophobic, fully multi-coated
ILLUMINATION	10 brightness settings, 2 NV compatible, 1 CR123A 3V battery (included)
WATERPROOF	IPX7 submersible to 1 meter for 30 minutes
SHOCKPROOF	Tested to 800 G forces shock

SWAMPFOX OPTICS INC.

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