



# SILVER Series™

## SLx6 1-6x24

SECOND FOCAL PLANE SCOPE GENIII  
WITH ACSS® PREDATOR™ RETICLE

For Patent Information go to <https://goo.gl/2z62aS>



**Please read page 3 for Clear Reticle Instructions!**

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Thank you for choosing this Primary Arms optic.

If you have any questions about your new optic or any of our other products, visit us at [www.primaryarmsoptics.com](http://www.primaryarmsoptics.com), email us at [info@primaryarmsoptics.com](mailto:info@primaryarmsoptics.com), or give us a call at 713-344-9600. The customer service team at our headquarters in Houston, Texas will respond promptly.

If you have any problems with a Primary Arms product, we urge you to contact us immediately and let our customer service professionals handle the situation for you. There is no need to return your scope to the retailer.

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# SILVER Series™ SLx6 1-6x24

## SECOND FOCAL PLANE SCOPE GENIII WITH ACSS® PREDATOR™ RETICLE

The ACSS® (Advanced Combined Sighting System) is a giant leap forward in reticle design that utilizes bullet drop compensation correlated with range estimation, wind, and leads in one simple to use system. The ACSS reticle increases first hit ratio and decreases time of engagement dramatically. It is a two-part reticle that allows you to be very fast from 0-200 yards, and very accurate from 300-500 yards.





## ACHIEVING A CLEAR RETICLE PICTURE

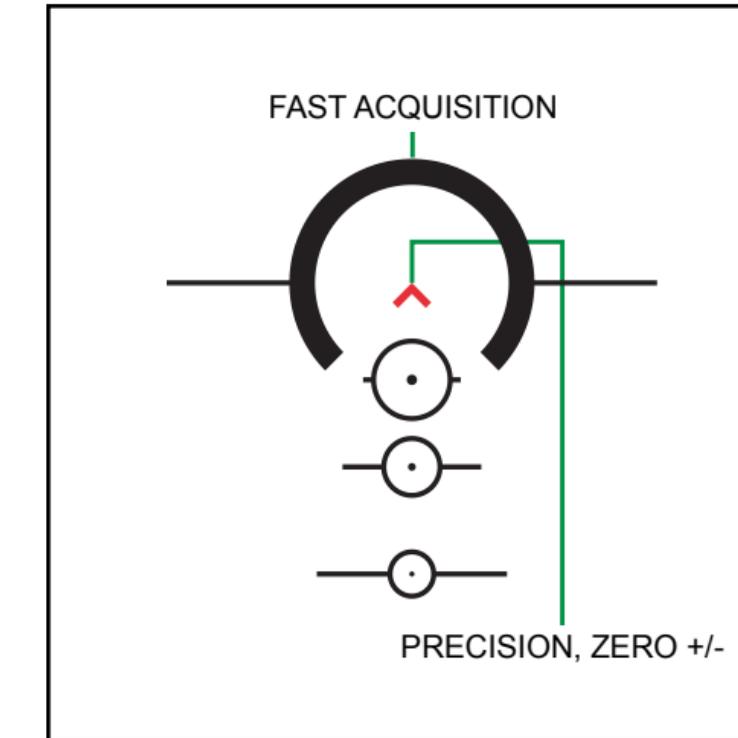
Your SILVER Series (SLx6) 1-6x24 SFP scope comes with an adjustable Diopter Ring (G) that must be set to match your eye. Located at the rear of the eyepiece, the Diopter Ring (G) changes the focus of the reticle as you see it inside the scope. It does not change the focus of objects that you look at through the scope. Setting the diopter is the critical first step to successful precision shooting. You can set the diopter before you have even mounted the scope in its rings.

1. Turn the Power Ring (B) to the highest setting, 6x, and point the scope at a bright, featureless background such as blue sky or a blank white wall.
2. With your head in position behind the scope's ocular lens, look at the wall or sky instead. If you look through prescription glasses when shooting, wear them now too. After 5 or 6 seconds, close your eyes.
3. Now open your eye, glance through the scope and immediately see if the reticle is sharp or blurry. If you notice that the reticle seems blurry at first and then suddenly sharpens, your eyes have focused on the reticle itself instead of looking through the scope. You must adjust the Diopter Ring (G) and try again.
4. If the reticle was blurry, turn the Diopter Ring (G) and repeat the process again. The process will take multiple adjustments. Each time you repeat the process, ask yourself if the reticle was sharper or more blurry than before. The final adjustments may be very fine. If your eyes get watery or tired, walk away for a bit and come back to this later.
5. Once the reticle appears sharp as soon as you glance through the scope, the diopter is set for your eyes. Everyone's eyes are slightly different, so the ideal adjustment changes from person to person. Many shooters will mark their correct diopter position with a little dab of paint or fingernail polish across the ring and the scope body, in case the ring gets turned accidentally later on. Others will apply electrical tape around the diameter of the ring to hold it in place.

This is a one-time adjustment. Reticle details may appear small when not looking at medium or long range targets, especially at low magnification. Shooting at those ranges is best done from a well-supported position using a bipod or sandbags.

## RETICLE ILLUMINATION

The Illumination Knob (C) control on the left side of the scope is marked with numbers of increasing brightness from 1 to 5 in each direction. There are two "off" settings, "R" at the bottom of the red illumination numbers and "G" at the bottom of the green illumination numbers. The knob cap unscrews counterclockwise, holding a CR2032 battery with the positive (+) side facing towards the cap. The windage turret cap on the opposite side holds a spare CR2032 battery inside. Reticle illumination at the lower settings is useful in low light situations like sunrise and sunset. Using these settings in low light situations will overpower your eye's ability to see the target and make the reticle appear distorted. The right amount of illumination creates a clear contrast between the reticle and your intended target, without straining the eye.



## ESTABLISHING ZERO, OR DIALING IN YOUR SCOPE

Use the horseshoe for fast target acquisition and the chevron tip for precision. From a well-supported position using a bipod or sandbags, turn the power ring to maximum, and adjust your windage and elevation knobs (E, F) to dial in your point of impact to the tip of the chevron at 100 yards. Each click is 0.5 MOA, or 0.5 inches at 100 yards. How high up or down you dial in relative to the chevron tip depends on your rifle and ammunition, as shown in the chart.

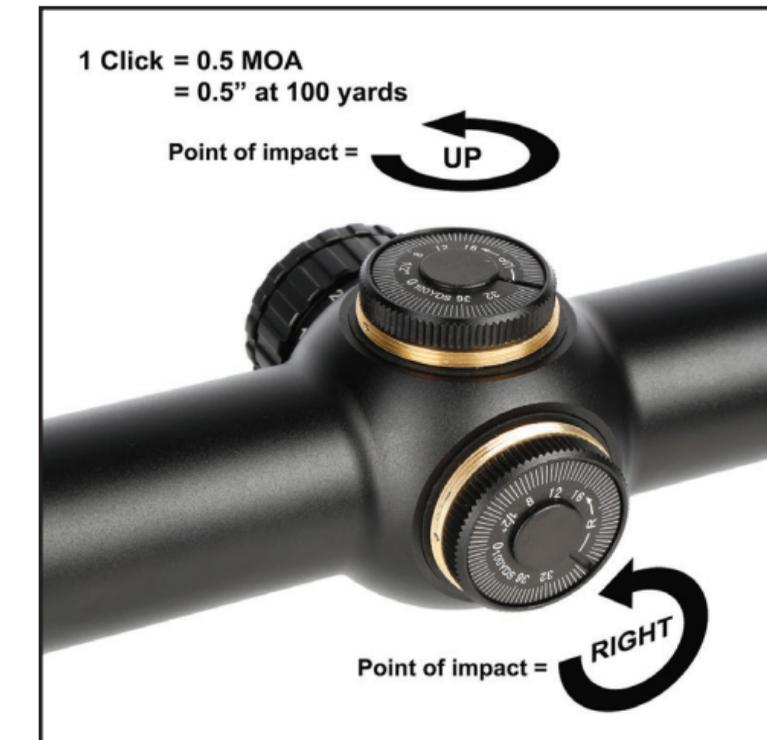
- Starting on the left, locate your ammunition type.
- Adjust zero depending on your bullet velocity above sea level, and dial in +/- in inches at the yardage indicated, depending on which combination matches your rifle.

<b>5.56/.223 Remington</b>
55 gr VMAX 0 at 100 yards 2980 fps (base load)
55 gr VMAX 0 at 50 yards 2820 fps
<b>.308 Winchester</b>
150 gr SP 0 at 100 yards 2820 fps
165 gr SP 0 at 100 yards 2650 fps
180 gr SP 0 at 50 yards 2570 fps
<b>6.5 Grendel</b>
123 gr AMAX 0 at 100 yards 1" high 2580 fps

## ADJUSTING POINT OF IMPACT

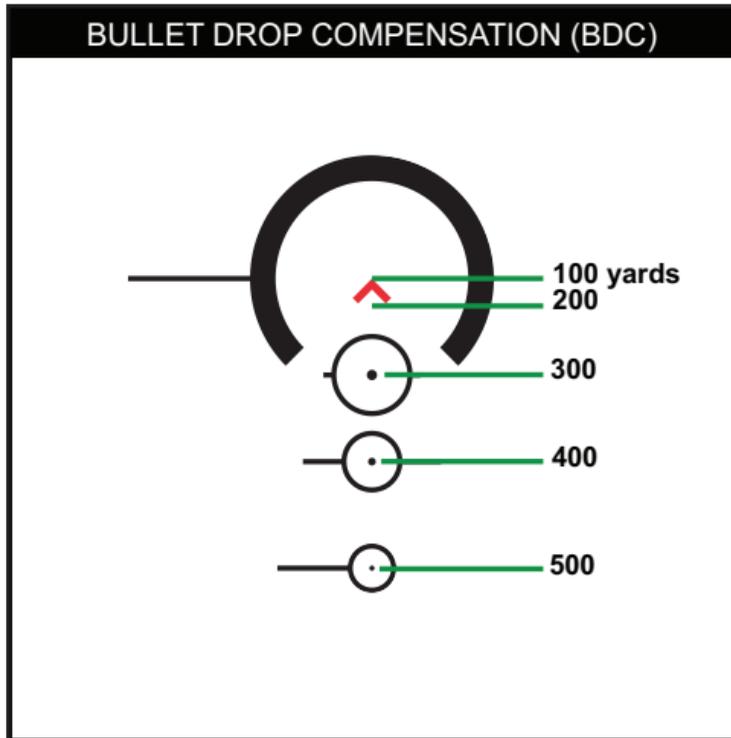
With the scope mounted on your rifle, the adjustment knob caps can be removed revealing finger adjustable knobs underneath. From a well-supported position using a bipod or sandbags, turn the Power Ring (B) to maximum, and adjust your windage and elevation knobs (E, F) to dial in your point of impact to the tip of the chevron. When sighting in your rifle, if your shots are hitting low, turn the Elevation Knob (F) counterclockwise to bring the point of impact up. If your shots are hitting to the left, turn the Windage Knob (E) counterclockwise to bring the point of impact right. Each knob click will change the point of bullet impact 0.5 minute of angle (MOA), or 0.5 inch at 100 yards distance.

Once your rifle is sighted in, you can use a screwdriver or fingernail to turn the indicator dial set into the knob until the "0" matches up with a dimple machined into the adjustment knob cap threads. Turning this dial does not affect the point of impact and no clicks will be heard or felt. If you adjust the knobs later to compensate for wind or range, it will be easy to return your scope to your rifle's original "zero". Each white line represents 0.5 MOA. The numbers 8, 12, 16, 32, and 36 represent total adjustment in MOA. Thus, if you turn the elevation knob from "0" to "8" you will hear and feel the turret click 16 times, and your bullet will impact the target 8 inches higher than before at 100 yards distance.



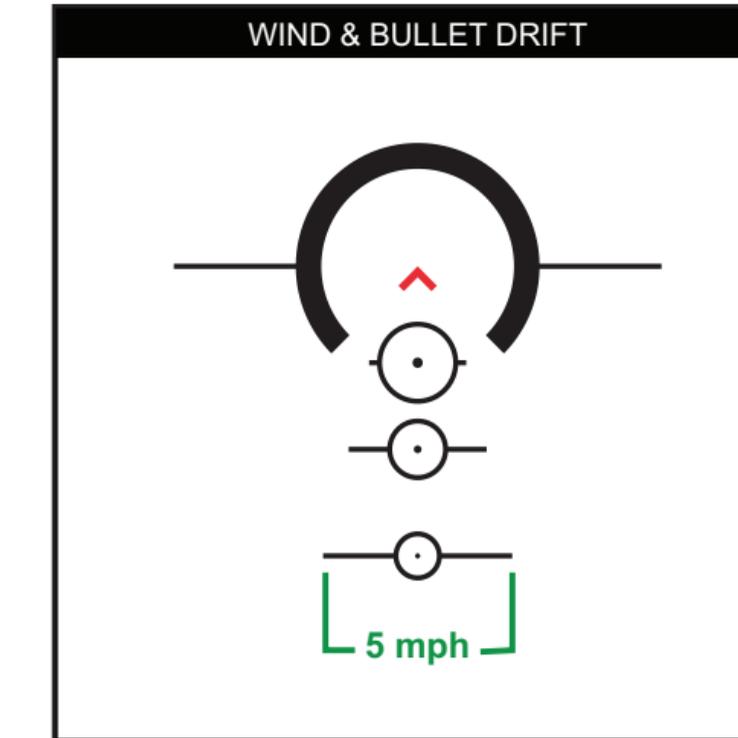
## GETTING TO KNOW YOUR BULLET DROP COMPENSATION (BDC)

Gravity will affect your bullet's trajectory (or path). The BDC starts at the tip of the chevron and finishes at the 500 yard mark, indicated by the center aiming point in range to target. Simply aim using the hash mark that coincides with the range to target. For targets at ranges between hash marks you can split the difference. For example, for a target at 450 yards you should aim halfway between the 400 and 500 yard points. We recommend that you establish a steady, supported position in order to utilize the BDC. The optic needs to be set to the highest magnification, 6x, for the BDC to work properly.



## UNDERSTANDING THE WIND AND BULLET DRIFT

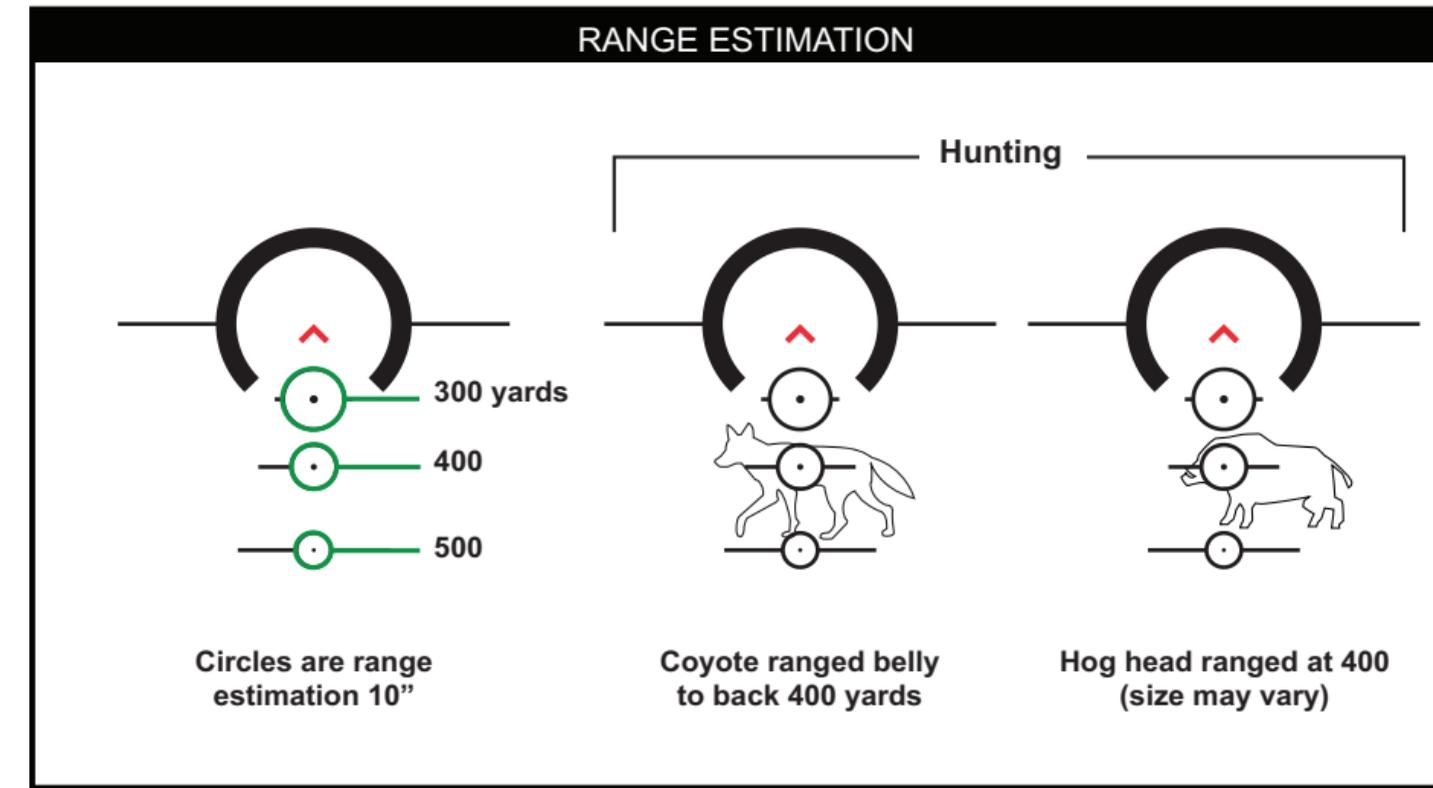
Notice the horizontal lines aligned with the BDC aiming points below the horseshoe and chevron. They are 5 mph wind marks. Wind will cause the bullet to drift left or right depending on wind direction. Understanding wind is important, as even a 2 mph wind at a 90 degree angle to the bullet's path can cause the bullet to drift over 10" at 500 yards. For a wind blowing from your left to your right, aim using the tip of the line on the right side. For a wind blowing right to left, use the left side lines. You can use the tips of the lines as a starting point in different conditions. For example, if you have approximately a 2.5 mph wind, you would hold half-way to the tip of the line. If you have a 10 mph wind, you would double the distance to the tip, and so on. The wind hold dots are calibrated to work with the scope set to its maximum magnification, 6x.



## AUTO RANGING

Knowing the proper range to your target is crucial in order to use the right hold on the BDC. Ranging can be accomplished using the circles underneath the horseshoe and chevron. The circles represent a diameter of ten inches at 300, 400, and 500 yards respectively. Sections of standard shooting range targets measuring ten inches are easy to measure or create. For hunting purposes, auto-ranging a variety of animals is possible if you can see a section of the animal measuring approximately ten inches. For example, coyotes of various sizes commonly measure roughly ten inches from the bottom of the belly to the top of the back. Adult hog heads often measure ten inches vertically.

The auto-range circles can be used as starting points to make more intelligent decisions about range. If the ten-inch target area is too large for one circle and too small for another circle, the target is in between those two ranges and a holdover between the two aiming points can be used. If the target area being used for ranging is a bit larger than ten inches, then the target will appear closer than it is. If the target is a bit smaller than ten inches, the target will appear further away than it is. Compensate accordingly by aiming a very small amount higher for targets further away, and aiming a very small amount lower for targets that are closer.





## SPECIFICATIONS

Magnification: 1-6x	Exit pupil: 9 mm – 4 mm	Field of view:
Second focal plane	Click value: 0.5 MOA	110 feet @ 100 yards at 1x
Objective lens diameter: 24 mm	Tube diameter: 30 mm	19.3 feet @ 100 yards at 6x
Eye relief: 3.3" – 3.5"	Length (w/o Lens Covers): 9.8"	Total windage and elevation adjustment: 50 MOA/14.5MIL
Ocular lens diameter: 34 mm	Weight (w/ Battery, w/o Lens Covers): 16.9 oz.	6063 aluminum, anodized matte black

## FEATURES

5 Red/ 5 Green reticle illumination	Fog resistant	Flip-up lens covers included
Fast focus eyepiece	Fully multi-coated lenses	Uses one CR2032 battery (included)
Waterproof: Meets IP67 standard	Nitrogen purged	Lifetime warranty (see website for details)

*Specifications may vary and are subject to change without notice.*

## LENS CARE

Please do not use any organic solvent such as alcohol or acetone on your scope. First, blow dust or any foreign objects off of the lens. Then, use a soft cotton or microfiber lens cloth to clean any fingerprints or smears off the lens. Alternatively, you may use a piece of professional lens paper for further cleaning, if necessary.

**▲ WARNINGS:** Always ensure your firearm is unloaded (chamber empty and magazine removed) before installing optics or accessories.

**▲ WARNINGS:** Improper installation of firearm parts or accessories may result in death or serious personal injury. If you are not properly trained in the installation of these parts, have them installed by a gunsmith or armorer.

## REMEMBER: THE FOUR RULES OF FIREARMS SAFETY

1. Treat every firearm as if it were loaded
2. Never let your muzzle cover anything you are not willing to destroy
3. Keep your finger off the trigger until your sights are on target
4. Be sure of your target and what is behind it







# SILVER Series™

## SLx6 1-6x24

### SECOND FOCAL PLANE SCOPE GENIII WITH ACSS® PREDATOR™ RETICLE

#### WARRANTY

Your SILVER Series (SLx6) PA1-6X24SFP-ACSS-PREDATOR is covered by the Primary Arms Limited Lifetime Warranty. If a defect due to materials or workmanship, or even normal wear and tear, has caused your product to malfunction, Primary Arms will either repair or replace your product. You can find out more details at [www.primaryarmsoptics.com](http://www.primaryarmsoptics.com).

Email: [info@primaryarmsoptics.com](mailto:info@primaryarmsoptics.com)  
Phone: 713-344-9600  
[www.primaryarmsoptics.com](http://www.primaryarmsoptics.com)

MANUFACTURER PART NUMBER	SKU	UPC	FINISH
610023	PA1-6X24SFP-ACSS-PREDATOR	8 18500 01203 0	MATTE BLACK