



*Burris*®



# SIX Xe Riflescopes

## USER GUIDE

This user guide includes information for the entire Six Xe riflescope line. Please review thoroughly, and pay close attention to the details pertaining to your specific riflescope model.



Congratulations on choosing the Six Xe riflescope from Burris®. This premium riflescope will be your best asset in the field, helping you bag big game or quick varmints with precision reticles and high-quality glass. Six Xe riflescopes offer the following features:

- **Variety of Reticles.** Six Xe riflescopes are available with a wide selection of reticles including:
  - 3P #4
  - Ballistic Plex E3
  - SCR™ Mil
  - SCR™2
- **Six Times Zoom System.** Highly versatile six times zoom system allows for a larger field-of-view at close ranges and better target acquisition at long ranges.
- **Push-Pull Locking Turrets.** Windage and elevation turrets have locking caps that prevent accidental movement and loss of zero (3-18x and 5-30x models only).
- **Zero Click Stop Adjustment Knobs.** Allows shooter to quickly and easily revert back to the original sight-in setting without counting clicks.
- **Precise Windage & Elevation Adjustment.** Accurate and repeatable reticle adjustments match the reticle's measurement system; adjustment is accurate, repeatable, fast, and easy.
- **Parallax Side Focus.** Side focus allows for easy-to-reach parallax adjustment.
- **High-Performance Glass.** Provides excellent brightness and clarity with lasting durability – exactly what you expect from Burris.



## How to use the Six Xe Rifle Scope

### Eyepiece Focusing

The eyepiece can be focused so that the reticle appears sharp and black. Follow this procedure to quickly adjust the focus:

1. Point the scope at the sky or a plain wall and take a quick glance through the scope. If the reticle appears sharp and black, no further adjustment is necessary.
2. If the reticle does not appear sharp and black, take quick glances through the scope while rotating the focus ring until the reticle pattern is sharp and black.

NOTE: Do not look through the eyepiece as you turn the focus ring. Your eyes will adjust to the out-of-focus condition.

### Parallax/Focus Adjustment

Parallax is the apparent movement of the reticle in relation to the target when the eye is not directly in line behind the center of the scope. Images from different distances focus in front of or behind the scope's reticle. Parallax is more noticeable with higher magnification scopes.

The 3-18x and 5-30x models are equipped with a side focus parallax adjustment. To use the parallax/focus adjustment, rotate the knob on the left side of the adjustment turret until the target image is sharply focused.

When the scope is set parallax-free for the distance you are viewing, you should be able to move your eye side-to-side or up and down without seeing the reticle move appreciably in relation to the target.

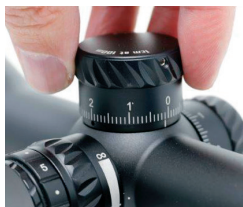
### Windage/Elevation Adjustment

The Six Xe 3-18x and 5-30x models have windage and elevation knobs that deliver precise adjustment and push-pull locking turrets. To unlock the caps and make adjustments, simply pull up on the caps. Once the changes have been made, push the caps back to their original position.

### Target Knobs with Zero Click Stop

Applies to 3-18x and 5-30x

The Target windage and



elevation knobs are designed for precise adjustment and feature a Zero Click Stop. The click value for each knob is indicated on the dial.

1. Use the 1.5mm hex wrench supplied with the scope to loosen the three (3) set screws located just under the top of the cap.



2. Pull up to remove the turret cap. Under the cap is the Zero Click Stop ring with three additional set screws. Loosen these screws with the 1.5mm hex wrench. Loosen the screws enough so that the collar turns freely.



Rotate the ring clockwise until it stops. Snug the set screws. Do not overtighten. Your Zero Click Stop has now been set.

3. Replace the turret cap, align the "0" with the index mark and snug the three set screws.

NOTE: When securing the set screws on turret caps and Zero Click Stop ring, make them snug but do not over tighten.

## Windage/Elevation Adjustment for Six Xe 1-6x24mm

The low-profile windage and elevation turrets feature knurled knobs that are easy to adjust with your fingers. No tools are required.



### Mounting the Scope

We recommend using high-quality rings and bases, like the Burris Signature Rings. Quality components ensure that your scope will remain safely and securely mounted and will provide maximum accuracy. Use care when mounting your scope as damage can be caused by improper mounting.

All models require 30mm rings.

## **Illuminated Reticle Adjustment**

### **Rotary Illumination**

All Six Xe scopes feature illuminated reticles. Illumination makes it easier to see the reticle in low light conditions. The intensity of the illumination is controlled by a rotary illumination switch located on the left side of the adjustment turret. The switch has 11 intensity levels and an "OFF" position in between each level. To extend battery life, there is a two-hour automatic shut-off. The reticle is powered by a 3-volt lithium cell battery (CR2032 battery).

To install a new battery, simply unscrew the battery cap on the rotary switch and install the new battery flat side (+) up. It is recommended that the battery be removed for long-term storage (over a month).



## **Care & Maintenance**

Six Xe riflescopes are fully waterproof and fogproof. In the event that the lenses are subjected to dust, dirt or mud, follow these steps to clean and protect the lens surface. Failure to remove grit before final cleaning is sure to damage lens coatings.

Coarse dirt/debris must be removed from the lens surface. The most convenient way to clean a lens surface is to use a Lens Pen. Position the scope so particles will fall away from the lens, and then use the Lens Pen or soft brush to gently whisk away the debris while blowing on the lens to dislodge the particles. For heavy dirt, like dried mud, use a spray of clean water or lens cleaning fluid to remove the dirt.

Your Burris riflescope will provide reliable performance given reasonable care and treatment. All moving assemblies are permanently lubricated. Only occasional cleaning of the outside of the scope and the exterior lenses is required. Never disassemble your scope. Disassembly by anyone other than our factory will void the warranty. If you have any other problems with your riflescope, return it to the Burris factory for repair.

## **Six Xe Riflescope Reticle**

The Six Xe riflescopes feature reticles that help you overcome the biggest challenges when shooting long-distance: determining elevation holdover and hold-off for wind drift. The Six Xe line features the E3 and SCR MIL reticles in Rear Focal Plane and the SCR 2 in Front Focal Plane for shooters who demand more precision. With their extended illumination area, you can engage targets at long distances even in low light.

## **Front and Rear Focal Plane Reticles**

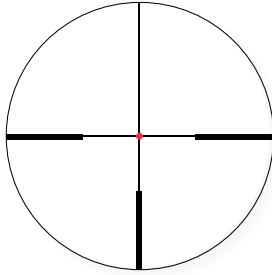
In Rear Focal Plane (RFP) systems, the reticle stays the same size throughout the magnification range. In Front Focal Plane (FFP) systems the reticle scales in relation to magnification maintaining consistent subtensions no matter the magnification.

## **Trajectory Compensation**

To better determine holdover and compensate for bullet drop, the patented Ballistic Plex E3 Reticle design incorporates hash marks on the lower vertical crosshair that are calibrated to provide dead-on aiming from 200 yards to 400 yards for many of the most common hunting cartridges. Examples of the actual bullet path for many of the most popular cartridges are available for download on our website at [www.burrisoptics.com](http://www.burrisoptics.com).

For calculating wind drift, the Ballistic Plex E3 reticle has a series of small cascading dots placed to the left and right of the reticle. These dots represent the effect of a 10-mph crosswind for most big game hunting cartridges. For a 5-mph crosswind, simply hold into the wind half the distance to the dot. If the crosswind is 20 mph, simply hold into the wind twice the distance from the center post to the dot. If you know the distance to your target and the speed of the wind, you can quickly determine the correct aiming point to compensate for both bullet drop and drift.

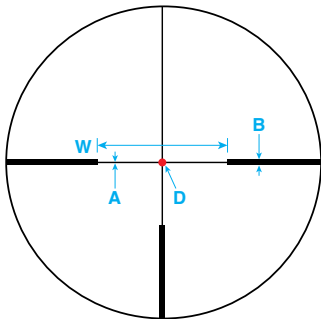
With access to a ballistics program, you can easily develop your own charts for custom handloads. By shooting at known distances (i.e. 100, 200, 300, 400, 500 and 600 yds.), you can determine the bullet drop that corresponds to each ballistic line for your cartridge.



## 3P#4 Reticle

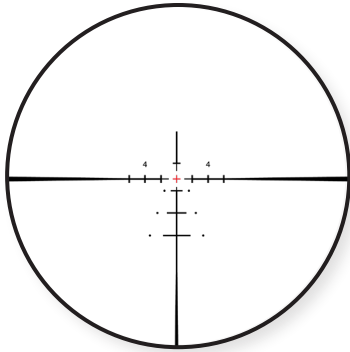
- Rear Focal Plane
- The 3P#4 is a simple design that is fast on target and easy to use. It features three bold stadia lines at 3, 6, and 9 o'clock with a fine center crosshair and illuminated red dot. The illuminated dot has 11 settings so it can be easily adjusted for use in bright daylight to low light or shadows. When set at 1x magnification, it can be shot with both eyes open making it the perfect dangerous game reticle.

## DETAIL



## RETICLE SUBTENSIONS (MILS)

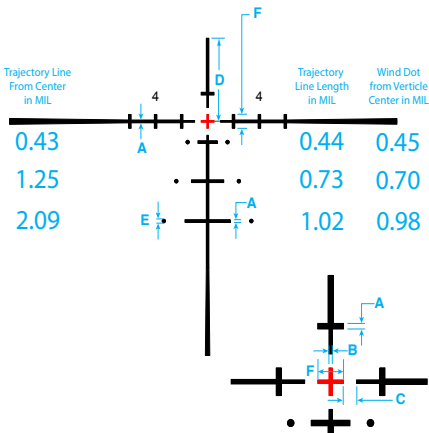
FEATURE	1-6x		3-18x	
	1x	6x	3x	18x
A	0.72	0.12	0.24	0.04
B	3.60	0.60	1.20	0.20
W	48.00	8.00	16.00	2.67
D	2.40	0.40	0.80	0.13



## BALLISTIC E3™ ILLUMINATED

- Rear focal plane reticle calibrated for traditional, magnum and varmint loads
- Hash marks on lower vertical crosshair are calibrated for aiming from 100 to 400 yards
- Cascading dots help adjust for a 10-m.p.h. crosswind
- 2 MOA hash marks on horizontal crosshair make holding for wind easier

## DETAIL

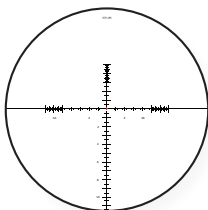


## RETICLE SUBTENSIONS (MILS)

	A	B	C	D	E	F
3-18x	.05	.03	.15	1.75	.07	.29

\*Subtensions measured at 18 power

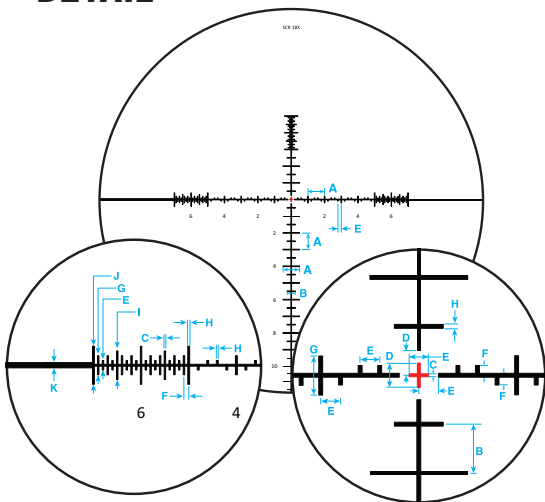




# SCR™ MIL 18X

- Mil-based, proprietary Burris design
- Increases precision for long-range competition, without adding clutter or distraction
- Center illuminated area lets the shooter confidently engage targets at long distances in low light and shadows
- Increases speed and precision for wind hold-off and for range estimation and impact measurement

## DETAIL

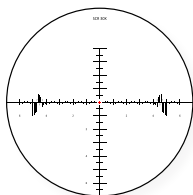


### RETICLE SUBTENSIONS - MILS

Unit	A	B	C	D	E	F	G	H	I	J	K
<b>18x</b>											
Mils	1.0	0.5	0.03	0.25	0.2	0.1	0.4	0.04	0.6	0.8	0.11
CM / 100m	10.0	5.00	0.30	2.50	2.00	1.00	4.00	0.40	6.00	8.00	1.10
in./100yd.	3.60	1.80	0.11	0.90	0.72	0.36	1.44	0.14	2.16	2.88	0.40
MOA	3.44	1.72	0.10	0.86	0.69	0.34	1.38	0.14	2.06	2.75	0.38

\*Subtensions measured at 18 power, defined in blue.

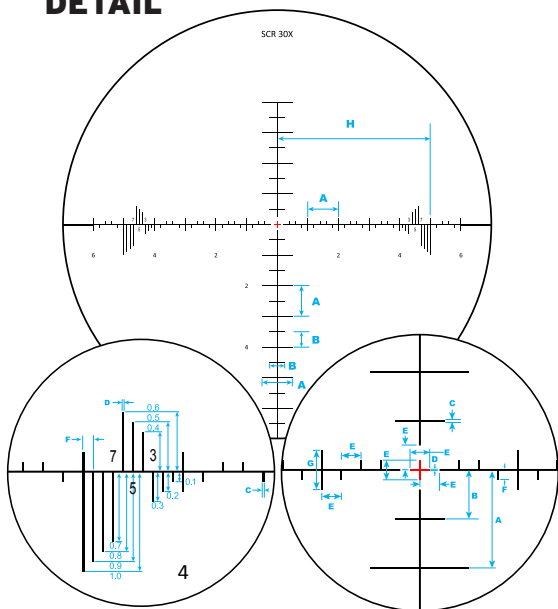
\*Subtensions double at 9 power.



# SCR™ MIL 30X

- Clean design for easy target acquisition
- Thin posts and crosshairs
- Preferred reticle for precision shooting

## DETAIL



## RETICLE SUBTENSIONS (MILS)

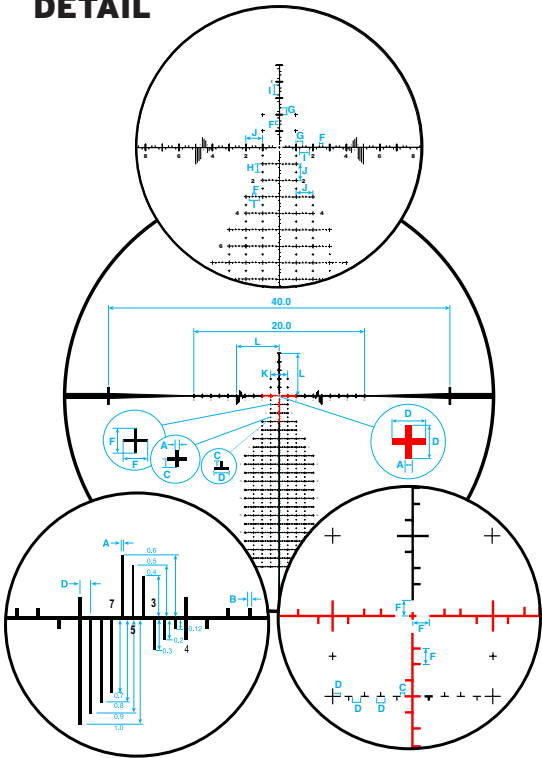
Unit	A	B	C	D	E	F	G	H
<b>30x</b>								
Mils	1.0	0.5	0.02	0.015	0.2	0.1	0.4	5.0
CM / 100m	10.0	5.00	0.20	0.15	2.00	1.00	4.00	50.0
in./100yd.	3.60	1.80	0.07	0.05	0.72	0.36	1.44	18.0
MOA	3.44	1.72	0.07	0.05	0.69	0.34	1.38	17.2

\*Subtensions measured at 30 power, defined in blue.

## SCR-2™ ILLUMINATED

- Mil-based, proprietary Burris design
- Increases precision for long-range competition, without adding clutter or distraction
- Center illuminated area lets the shooter confidently engage targets at long distances in low light and shadows
- Increases speed and precision for wind hold-off and for range estimation and impact measurement

### DETAIL



### RETICLE SUBTENSIONS - MILS

Unit	A	B	C	D	E	F	G	H	I	J	K	L
<b>3-18x</b>												
Mils	0.02	0.03	0.05	0.1	0.15	0.2	0.4	0.5	0.6	1.0	2.0	5.0
CM / 100m	0.20	0.30	0.50	1.00	1.50	2.00	4.0	5.0	6.0	10.0	20.0	50.0
in./100yd.	0.07	0.11	0.18	0.36	0.54	0.72	1.44	1.80	2.16	3.60	7.20	18.0
MOA	0.07	0.10	0.17	0.34	0.52	0.69	1.38	1.72	2.06	3.44	6.88	17.2



## SIX Xe SPECIFICATIONS

Magnification	1-6X	3-18X	3-18X	5-30X
Clear Objective Diameter	24mm	56mm	56mm	56mm
Reticle	3P#4	3P#4 E3 SCR MIL 18X	SCR2 MIL	SCR MIL 30X
Illumination	Yes	Yes	Yes	Yes
Focal Plane	Rear	Rear	Front	Rear
Main Tube Size	30mm	30mm	30mm	30mm
Field of View (Low to High @ 100 meters)	31.4m- 5.9m	11.7m- 2.0m	11.6m- 2.0m	7.1m- 1.2m
Eye Relief	91mm	90mm	90mm	92mm
Exit Pupil (Low to High)	7.5mm- 3.6mm	7.2mm- 3.1mm	7.6mm- 3.1mm	7.5mm- 1.9mm
Click Value	1cm @ 100m	1cm @ 100m	1cm @ 100m	1cm @ 100m
Elevation Adjustment, Total Capacity	40.7 MIL	24.7 MIL	24.7 MIL	16 MIL
Windage Adjustment, Total Capacity	40.7 MIL	24.7 MIL	14.5 MIL	16 MIL
Length	27.5 cm	33.4 cm	33.5 cm	39.8 cm
Weight	500g	770g	780g	760g

\*Example: 50 MOA is roughly 25 MOA in any direction from center

\*\*Illuminated Reticle

## WARRANTY

**The Six Xe line of  
riflescopes is covered by  
a 30 Year Warranty**



Thank you for choosing Burris. You can be confident that the optic you purchased is built to the most exacting standards. You can count on Burris to perform every time you use it. We're so confident in the craftsmanship of our products that we back them with a 30 Year Warranty.

30-Year Warranty: Protects Burris products from any defects in materials or workman-ship. Burris will, at our option, repair or replace the item at no charge.

If you purchased your optic outside North America and repair is needed, contact the retailer or distributor in the country where you purchased the product, or visit [www.burrisoptics.com](http://www.burrisoptics.com). Go to the "Find A Dealer" section and select "International Dealers." The dealer for your country will help you solve the problem to your satisfaction.



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