



**VerAcity**[®]

User Guide



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

Congratulations on choosing the Veracity[®] 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. Veracity riflescopes offer the following features:

- **Ballistic Compensation Reticles.** Veracity Riflescopes feature the Ballistic E1 FFP and Ballistic E1 FFP Varmint reticles, both providing simple methods for determining holdover for distance and hold-off for wind drift at any magnification. The Front Focal Plane design ensures trajectory compensation is accurate at any magnification. High Power settings take full advantage of the bullet drop compensation features, while Low Power settings create a highly visible duplex reticle for quick shots at close distances.
- **Five Times Zoom System.** Highly versatile five times zoom system allows for a larger field of view at close ranges and better target acquisition at long ranges.
- **Zero Click Stop Adjustment Knobs.** Allows shooter to quickly and easily revert back to the original sight-in setting without counting clicks.
- **Advanced Windage & Elevation Adjustment.** Accurate and repeatable reticle adjustments match the measurement system of the reticle, making windage and elevation adjustments fast and easy.
- **Side Focus.** Ergonomic 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.
- **Index-Matched, Hi-Lume Multi-Coated Lenses.** Enhanced low-light performance and glare elimination, making more shots possible and increasing your success rate.



How to use the Veracity Riflescope

Eyepiece Focusing

The eyepiece can be focused so that the reticle appears sharp and black. Adjusting the focus is quick and easy to do, just follow this procedure:

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.

To use the parallax/focus adjustment, rotate the knob on the left side of the adjustment turret until the numeral corresponding to the known target distance lines up with the reference mark. If the distance is unknown, rotate the adjustment knob 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 for Multi-Turn Target Knobs with Zero Click Stop

– Applies to 4x-20x and 5x-25x models –

The Multi-Turn Target windage and elevation knobs are designed for precise adjustment and feature Zero Click Stop. The click value for each knob is indicated on the dial. For shooting at extreme distances, the elevation knob offers up to 15 MOA/rotation with multiple revolutions of adjustment.

Use the following procedure when sighting-in if you need additional downward point of impact adjustment past the Zero Click Stop:

1) Turn the elevation adjustment knob clockwise to "0".



2) Use the 2mm hex wrench supplied with the scope to loosen the 2 set screws on the elevation adjustment knob located just under the top of the knob.



3) Pull up slightly on the adjustment knob to the second white hash mark on the turret. Turn the knob clockwise slightly more (maybe 2-5 more clicks) than the number of MOA needed to achieve zero.



4) Once the elevation adjustment is complete, loosen the two set screws and reset the knob to "0". With the screws loose,



push down firmly on the knob until it is fully seated on the turret base and then retighten the set screws.

NOTE: When retightening set screws on elevation knob, maintain pressure on the top of cap to ensure proper seating of adjustment dial.

NOTE: Windage adjustments are made with a multi-direction adjustment knob. Zero is set with an indexing mark to allow for left and right adjustments. Failure to zero at the index mark may result in limited windage adjustment.



Proper Windage Zero

Windage/Elevation Adjustment for E1 Hunter Knobs

– *Applies to 2x-10x and 3x-15x models* – The low profile E1 Hunter Knobs feature a finger adjustment for both windage and elevation. Once you have successfully zeroed your scope, you can set the zero on your dials with these simple steps:

1) With turret caps removed, grip knob top firmly and keep knob from turning.

2) Put pen or other small object into the small hole located on the dial.



3) Keeping firm grip on the knob, use the pen to turn the dial back to zero, lining up the number zero with the white indicator dot. Only the numbered dial should move – do not allow the entire knob to move or else you will alter your windage and elevation zero settings.



NOTE: You do not have to set the zero on your dials for your scope to function properly. Doing so can give you peace of mind that your zero is set, plus you can easily confirm if it has moved at any time, but this step is optional.

Mounting the Scope

Veracity riflescopes require 30mm rings. We recommend using high-quality rings and bases, like the Burris Signature Rings or Xtreme Tactical Rings and Xtreme Tactical Bases. Quality components ensure that your scope will remain safely and securely mounted, and will provide the maximum accuracy. Use care when mounting your scope as damage caused by improper mounting is not covered by the Burris Forever Warranty.

Care & Maintenance

The Veracity riflescope is 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.

Veracity Riflescope Reticles

Veracity Riflescope Reticles help you overcome two of the biggest challenges when shooting long-distance: determining holdover at distance and hold-off for wind drift. This technology is based on the popular Burris Ballistic Plex® reticle that redefined trajectory compensation. This section will explain how to use the reticles found in Veracity Riflescopes.

Front Focal Plane (FFP)

All Veracity Riflescopes utilize a Front Focal Plane system. Front Focal Plane systems (sometimes referred to as First Focal Plane systems) place the reticle in front of the erector assembly or zoom mechanism. This allows the reticle to change size as magnification is adjusted. In FFP systems, when magnification is increased, the reticle size grows; as magnification is lowered, the reticle size shrinks. Because the reticle is changing with magnification, the measurements of the reticle are always correct and are proportional to whatever power setting you may be on. This also means that the trajectory compensation technology is also correct in Veracity Riflescopes at any magnification.



Reticle on Low Power Reticle on High Power
Trajectory Compensation

To better determine holdover and compensate for bullet drop, the patented Burris design incorporates hash marks on the lower vertical crosshair that are calibrated to provide dead-on aiming from 100 yards to 600 yards (200 – 700 yards for the Varmint reticle) 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.

For calculating wind drift, the Ballistic E1 FFP and Ballistic E1 FFP Varmint reticles have 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.

Burriss provides ballistic reference labels for the Veracity reticles on our website www.burrissoptics.com. You can print out these labels and attach them to your rifle for quick reference. 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.

Practice Makes Perfect

The Ballistic Plex E1 reticle is much more accurate than guessing holdover or hold off. It can also be faster and more reassuring to most shooters than using target-type adjustments. The nature of ballistics is such that everything is theoretical and if any one of the variables changes (altitude, temperature, barometric pressure, humidity, bullet design, barrel length, chamber fit, seating depth, etc.) so does the ballistic performance. For maximum accuracy, practice at long ranges under similar conditions to those which you will experience in the field.

Technical Tip

For maximum accuracy at long ranges, instead of sighting in at 100 yards using the center of the reticle, sight in at a longer range such as 400 yards using the 400-yard ballistic line. This will decrease the amount of long-range error that can occur under various environmental conditions, or when slightly under estimating point-of-impact at shorter ranges.

Shoot Responsibly

Long-range shooting is extremely challenging and can be very rewarding. But along with it comes tremendous responsibility, especially when hunting. To ensure you take ethical shots at longer ranges, it is essential to know the yardage to an animal and your wind

conditions. For these reasons, we strongly encourage that you practice to determine your own shooting capabilities and do not shoot beyond them in the field.

Ballistics Reference Sources

Perry-Systems ExBal Ballistic Software: www.perry-systems.com

Barnes Bullets: www.barnesbullets.com

RCBS : www.rcbs.com

Sierra Bullets: www.sierrabullets.com

Nosler – www.nosler.com

Hornady – www.hornady.com

Speer – www.speer-bullets.com

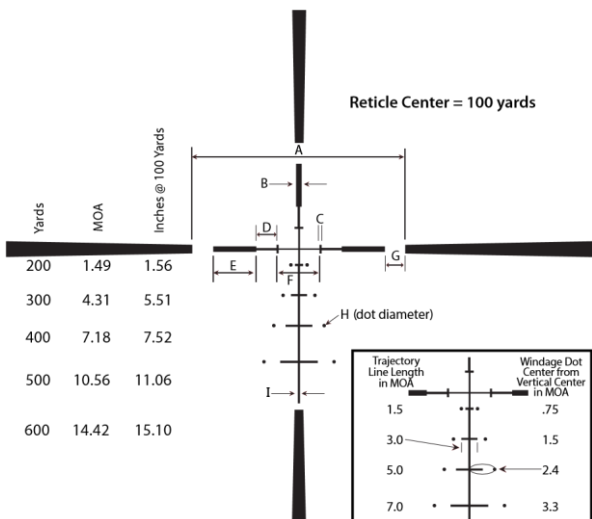
Lee Precision, Inc. – www.leeprecision.com

Due to the extensive tooling cost of developing the reticles in this line, we are unable to accommodate requests for customized reticles for specific cartridges.

Ballistic E1 FFP Reticle

Front Focal Plane Reticle

The Ballistic E1 FFP reticle is calculated in MOA (minute of angle) measurements. Trajectory compensation has been calculated out to 600 yards. Wind dots representing a 10 MPH wind adjustment are located at every hash mark below the vertical center point out to 500 yards. The bolder, tapered crosshairs make this reticle highly usable in the FFP design, ensuring that the reticle is still visible on low power. The FFP also allows the trajectory compensation technology to be used at any magnification, a nice advantage over Rear Focal Plane reticle designs that can only provide trajectory compensation on high power.



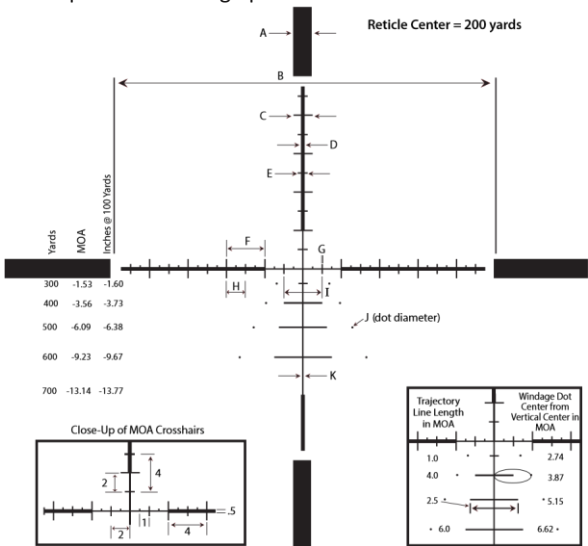
Reticle Subtensions

Reticle	Model	Units	A	B	C	D	E	F	G	H	I
Ballistic E1 MOA	2x-10x	MOA	20	.75	.3	2	4	4	2	.3	.3
Ballistic E1 MOA	3x-15x	MOA	20	.5	.2	2	4	4	2	.3	.2

Ballistic E1 FFP Varmint Reticle
Front Focal Plane Reticle

The Ballistic E1 FFP Varmint reticle is calculated in MOA (minute of angle) measurements. The Varmint reticle provides a very precise platform for measuring distance and determining target size by providing MOA tick marks across the horizontal crosshair and across the upper portion of the vertical crosshair. Trajectory compensation has been calculated out to 700 yards with wind dots representing a 10 MPH wind adjustment at every hash mark below the vertical center point. The bolder crosshairs make this reticle highly usable in the FFP design, ensuring that the reticle is still visible on low power. The FFP also allows the trajectory compensation technology to be used at any magnification, a nice advantage over Rear Focal

Plane reticle designs that can only provide trajectory compensation on high power.



Reticle Subtensions

Reticle	Model	Units	A	B	C	D	E	F	G	H	I	J	K
Ballistic E1 MOA	4x- 20x	MOA	2	40	2	.38	1	4	.13	2	4	.23	.13
Ballistic E1 MOA	5x- 25x	MOA	2	40	2	.30	1	4	.11	2	4	.18	.11

Warranty

This Veracity line of riflescopes is covered by the Burris Forever 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 warranty that covers defects in the workmanship and materials.

TO ACTIVATE YOUR WARRANTY, register your new product online at www.burrisoptics.com/warranty.

Forever Warranty: Protects Burris products from any defects in materials or workmanship – even if you are not the original owner. Burris will, at our option, repair or replace the item at no charge.

Burris is not responsible for physical damage to products. This is “not” a defect in materials or workmanship. Visit our website to at www.burrisoptics.com/warranty to view a list of warranties by product.

Note: For warranty service on products purchased in North America, download the *Repair Authorization Form* at www.burrisoptics.com/warranty and send the product to our repair facility in Colorado:

Burris Company
331 East 8th St.
Greeley, CO 80631

Products purchased outside North America may not be covered by the warranties listed above. If you purchased your optic outside North America, contact the retailer or distributor in the country where you purchased the product. To find a local retailer or more information, visit www.burrisoptics.com, click on your country and visit the “Services” tab.

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