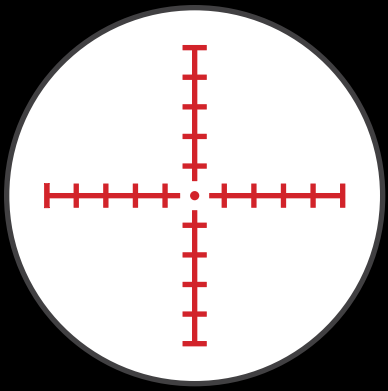
EOTECH®



vudu®

SR-1

RETICLE

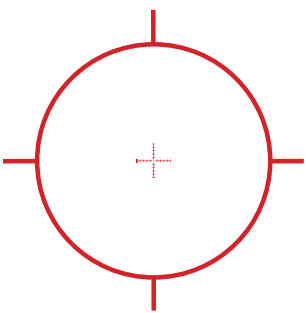
EOTECH® reserves the right to change the product specifications at any time without notice. All brand names and product names referenced are trademarks, registered trademarks or trade names of their respective holders.

Specifications provided in this user manual are nominal values only. Tolerance ranges consistent with industry best practices apply.

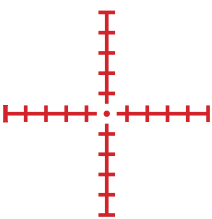
Contents

SR-1 Reticle

The SR1 was designed to be the most versatile short to medium range reticle on the market today. Combined with the Vudu First Focal Plane (FFP) riflescope, the SR1 Speed Ring reticle allows for fast target engagement at low power, and excellent resolution and accuracy at higher power to engage longer range targets.



SR-1 @1X



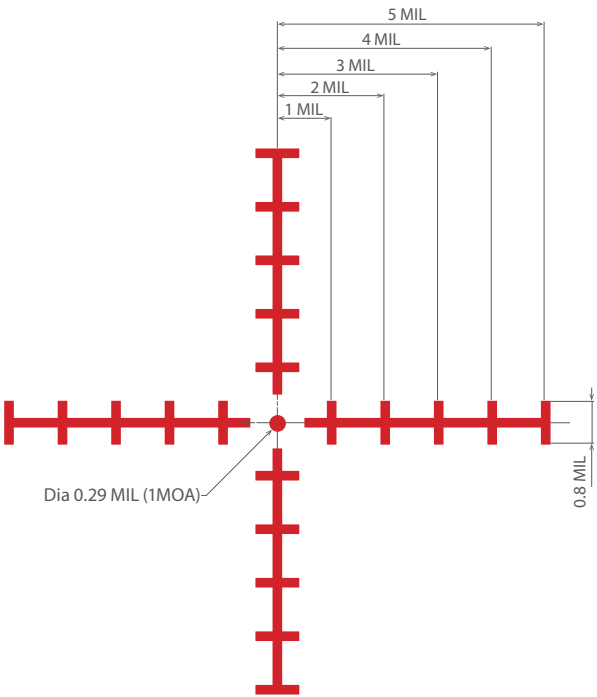
SR-1 @6X

First (Front) Focal Plane

First (or Front) Focal Plane riflescopes have the reticle installed at the front of the erector tube, forward of the magnification lens. When the magnification is increased, the reticle increases in proportion to the image you are viewing. As a result, the spacing between the actual reticle marks will always subtend the same distance at any magnification setting. This allows the shooter to quickly and accurately mil, hold over or hold off regardless of the magnification setting.

MRAD Subtensions

The SR1 reticle is based on the milliradian, or MRAD, angle of measurement. With a known target size, this system allows the shooter to use angle ratios to determine distance of target with reliable accuracy. One MRAD subtends 10cm at 100 meters (3.6" at 100 yards). The Vudu 1-6x riflescope with SR1 reticle uses 0.2 MRAD per click adjustments which subtend to 2cm at 100 meters (0.72" at 100 yards).



SR-1 Reticle

NOTE: *Subtensions measured in MRADs. Image shown is for representation only.*

Speed Ring

The SR1 reticle features the popular EOTECH Speed Ring circle pattern for fast target engagement on close range targets at low power. Simply center the circle over the target and fire. The wide field of view at the lower power settings also allow for quicker transitioning between targets.

MRAD Crosshair

The SR1 reticle features the popular EOTECH Speed Ring circle pattern for fast target engagement on close range targets at low power. Simply center the circle over the target and fire. The wide field of view at the lower power settings also allow for quicker transitioning between targets.

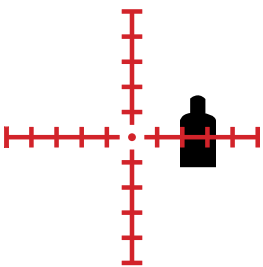
MRAD Ranging Formulas

$$\frac{\text{Target Size (in.)} \times 27.8}{\text{MRAD Reading}} = \text{Range (Yards)}$$

$$\frac{\text{Target Size (cm)} \times 10}{\text{MRAD Reading}} = \text{Range (Meters)}$$

Ranging Example

You will first need to know the target size before using these formulas. Then, using either the horizontal or vertical crosshairs, place the reticle on target. Hold on the target long enough to make an accurate reading. The more accurate your reading, the better your range estimation will be. It is recommended to estimate to the nearest 0.1 MRAD if possible.



EXAMPLE
Ranging an E-type silhouette target (40" tall × 19.5" wide)

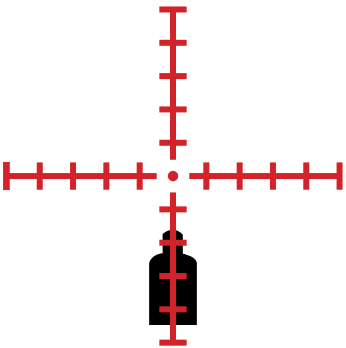
$$\frac{19.5 \text{ in.} \times 27.8}{1.2 \text{ MRAD's}} = 452 \text{ Yards}$$

Elevation Holdovers

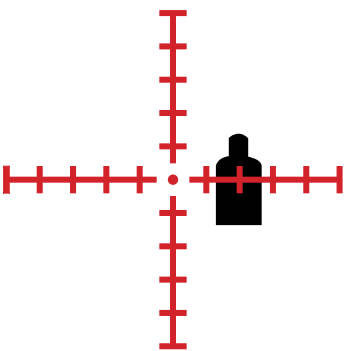
After the distance has been calculated using the reticle or laser rangefinder, the SR1 reticle can be used for holdover to compensate for bullet drop. The SR1 reticle is hashmarked in 1 MRAD increments so once the elevation holdover value is determined, it is easy for the shooter to quickly select the appropriate hashmark for the shot. Note that it may be necessary to aim between hashmarks for the most accurate shot placement. EOTECH recommends shooters create and use a DOPE chart (Data On Previous Engagements) to quickly identify their bullet drop at a given range.

If the shooter prefers, the elevation dial can also be used to dial in your adjustment to compensate for bullet drop. When using the dial for elevation adjustment, always use the center of the crosshair.

Similar to the elevation holdover, the horizontal crosshair can be used to adjust for wind or moving target lead. Wind correction should be added to your DOPE chart for quick reference.



EXAMPLE
Elevation holdover



EXAMPLE
Windage holdover

Service and Repair

- Visit the manufacturer's website at **eotechinc.com**.
- Navigate to the **Help Center** to complete the Return Authorization Request Form. EOTECH will provide detailed instructions on how to return your optic for repair.
- Contact EOTECH's Customer Service department by calling 888.EOTHOLO (888.368.4656) or submit a request online at **eotechinc.com**.

PRO TIP: *Do not ship the sight(s) without a Return Authorization number — this will severely delay the turnaround time on repair or replacement.*

Contact Information

For prompt, professional and friendly service contact EOTECH at:

888.EOTHOLO (888.368.4656)
eotechinc.com

Shipping Address

EOTECH
Warranty and Service Department
1201 E. Ellsworth Road
Ann Arbor, Michigan, 48108 USA
Reference RA#

SCAN FOR PRODUCT REGISTRATION

SCAN FOR WARRANTY INFORMATION

NOTES

Thank you for purchasing an EOTECH Vudu riflescope.

VD1903 Rev B
April 2021

EOTECHINC.COM