EP-5 GENII

7-35X56 FFP
Product Manual

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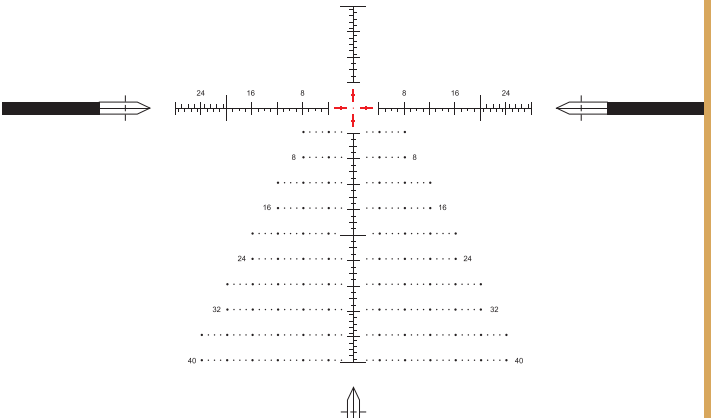

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Ensure your firearm is unloaded before proceeding. If you pause use and then resume later, reconfirm that the chamber is still empty.

Welcome
EP-5 GENII 7-35X56 FFP

Experience the next level of precision and performance with EP-5 GENII, 7-35x56 FFP (First Focal Plane) Scope – a cutting-edge addition to our lineup. Building upon the excellence of the EP-5 series, GENII is meticulously crafted with precision, and with specifically designed reticle to enhance the performance for shooting competitions, making it an exceptional choice for long-range shooting enthusiasts.

With a versatile 7-35x zoom range, Japanese ED Glass, newly designed VPR reticle (Variable Precision Reticle) and inherited AZS (Arken Zero Stop) tactical turrets, EP-5 GENII is resetting the bar for the industry where innovation meets perfection.

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EP-5 GENII Specifications

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7-35X56

Magnification:	7-35X	**Elevation Adj. Range:**	30 MRAD / 108MOA
Objective Diameter:	56 mm	**Windage Adj. Range:**	15 MRAD / 54 MOA
Eye Relief:	3.5 inches / 8.89 mm	**Elevation Adj. Per Revolution:**	10 MRAD / 25 MOA
Field of View:	16.66-3.34 ft@100 Yards	**Windage Adj. Per Revolution:**	10 MRAD / 25 MOA
Tube Size:	34 mm	**Parallax:**	Side Parallax Adjustments, 25Yds-Infinity
Turret Adjustment:	0.1 MRAD / 0.25 MOA	**Illuminated Reticle:**	Red
Reticle Position:	First Focal Plane	**Turret Rotation:**	Counter Clockwise (CCW)
Reticle Details:	VPR MIL / VPR MOA	**Length:**	15.5 inches / 394 mm
Zero Stop:	AZS Zero Stop System	**Weight:**	42 oz / 1190.7 g
Zero Reset:	Yes	**Battery Model:**	CR2032

Identification / Characteristics

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- A Eyepiece /Ocular Lens
- B Diopter / Ocular Focus Ring
- C Magnifcation Ring
- D Parallax
- E Illumination Knob
- F Elevation Turret (Turret caps screw over turret)
- G Windage Turret (Turret caps screw over turret)
- H Objective Lens

Mounting Tips and Tricks

When it comes to securing your EP-5 GENII to your firearm, getting it right the first time is crucial for accurate shooting. Here are some tips and tricks to ensure your scope is mounted correctly on your rifle.

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- **We recommend using ARKEN OPTICS Mounts or Rings:** Select mounts designed to complement ARKEN scopes, ensuring a seamless and stable connection between your scope and rifle.
- **Clean and Degrease:** Before mounting, clean the mounting surfaces on both the rifle and the scope. Remove any old oil or residue to ensure a solid connection.
- **Torque Wrench is Your Friend:** Use a torque wrench to tighten screws to the recommended specifications. This ensures consistent pressure and prevents over-tightening.
- **Properly Level the Scope:** A leveling tool helps ensure the scope is perfectly aligned with the rifle. This step is often overlooked but is crucial for accuracy.
- **Eye Relief:** Position the scope to achieve the proper eye relief for your shooting style. This is the distance between your eye and the scope.
- **Bore Sighting:** Before finalizing the mounting, perform a bore sight. This gets your scope on paper before you head to the range for fine-tuning.
- **Recheck and Test:** After mounting, recheck all screws for tightness. Take your rifle to the range and test for accuracy.
- **Consider Recoil:** If you're mounting on a high-recoil rifle, ensure there's enough eye relief to prevent scope bite.
- **Apply Thread Locker Sparingly:** Use a small amount of thread locker on screws and bolts to prevent them from loosening due to recoil vibrations. Gently apply Thread locker. We recommend blue loctite.
- **Consult a Professional:** If you're unsure, seek advice from a professional gun smith. They can ensure your scope is mounted perfectly.

A well-mounted scope can make a world of difference in your shooting experience. Following these tips will help you achieve the best results with your scope.

Eyepiece/Diopter

To adjust reticle focus, rotate the diopter ring while looking at an unobstructed background, and it's recommended to use the sky as background. Your eye will continually refocus at the reticle, so this should be done in short intervals. Look away between each adjustment to allow your eye to focus back on the sky. Then quickly look back at the reticle and make the necessary diopter adjustment. The reticle should appear to be sharp and should not appear to move when you move your head. Once properly set, the eye should not have to work to get the reticle in focus.

Magnification Ring

To obtain the desired magnification, rotate the Magnification Ring so that the indicator on the Ring corresponds with the magnification power level on the scope body.

Sunshade

It provides to reduce the reflection and glare off the objective lens. It can also help to protect the lens from being hit or scratched.

Parallax

To eliminate parallax, rotate the Parallax knob. Proper adjustment will eliminate all reticle movement within the eye box. Note that the distance indicated on the parallax knob may not be exact but is to be used as a guide. Fine tune the parallax adjustment by looking through the scope.

To change the battery, use a wrench to unscrew the battery cap, take out the old CR2032 battery, put in a new one with the positive side (marked side) facing out, and then tighten the cap back with the wrench.

Illumination Knob

In low light or low contrast conditions, you can turn on the illuminated reticle. The reticle will turn red to facilitate observation and aiming. The multiple different brightness levels are provided for various lighting conditions. The illumination is powered by a single CR2032 battery.

Elevation and Windage Turrets

The elevation turret moves the reticle up or down, and the windage turret moves the reticle left and right. Rotate the elevation turret counterclockwise to move the reticle up and clockwise to move the reticle down. Rotate the windage turret clockwise to move the reticle left, counterclockwise to move the reticle right.

Windage and Elevation Adjustments

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Making precise adjustments to windage (horizontal) and elevation (vertical) settings on your EP-5 GENII scope is crucial for achieving accurate shots. Following are the quick guidance of the process:

1. Locate the Turrets:
Identify the windage and elevation turrets on the scope body. Looking directly at the eyepiece, the windage turret is located on the right side, and the elevation turret is on top. The windage and elevation turrets are the only turrets that have caps on them that cover them completely.

2. Understand the Directional Movements:
Windage: Turning the windage turret clockwise moves the point of impact to the left and counterclockwise moves it to the right.
Elevation: Rotating the elevation turret clockwise lowers the point of impact and counterclockwise raises it.

3. Making Adjustments:
Windage: Use the windage turret to move the point of impact horizontally, aligning it with your point of aim.
Elevation: Utilize the elevation turret to adjust the point of impact vertically, aligning it with your point of aim.

4. Recording Changes:
Keep track of the adjustments made. Scopes use Minute of Angle (MOA) or Milliradian (MRAD) measurements for precision.

5. Fine-Tuning:
Fire additional shots, making minor adjustments as needed to achieve the desired point of impact.
Remember, each click of the turret represents a specific angular measurement.
It's recommended to get familiar with the scope specifications and ballistic calculations for more accurate adjustment.

Instructions For Use

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Sight In

1. Bore-Sighting Preparation:
Begin by bore-sighting your rifle. This helps to get your initial shots are close to the point of aim.

2. Firing Initial Rounds:
Fire a series of three to five rounds at the target.

3.Measure POA VS POI:
Determine the difference between the point of aim (POA) and the point of impact (POI). Use the reticle or a measurement directly from the target with a ruler or caliper.

4. Adjust Elevation and Windage:
Using the adjustment turrets, make the necessary changes to move the POA to the POI.

5 Confirmation Rounds:
Fire an additional three to five rounds to verify your zero. Continue making adjustments until the POA and POI coincide.

Zero-Reset

After you have zeroed the scope, loosen the screw of the elevation turret, then remove the turret cap. Realign the 0 position of the cap with the scale line on the scope body, and re-tighten the screws of the elevation turret.

The Subtension Scale: MIL or MOA

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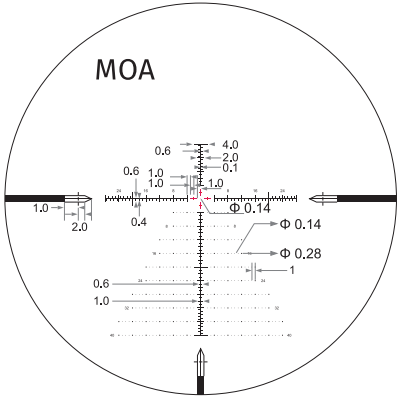
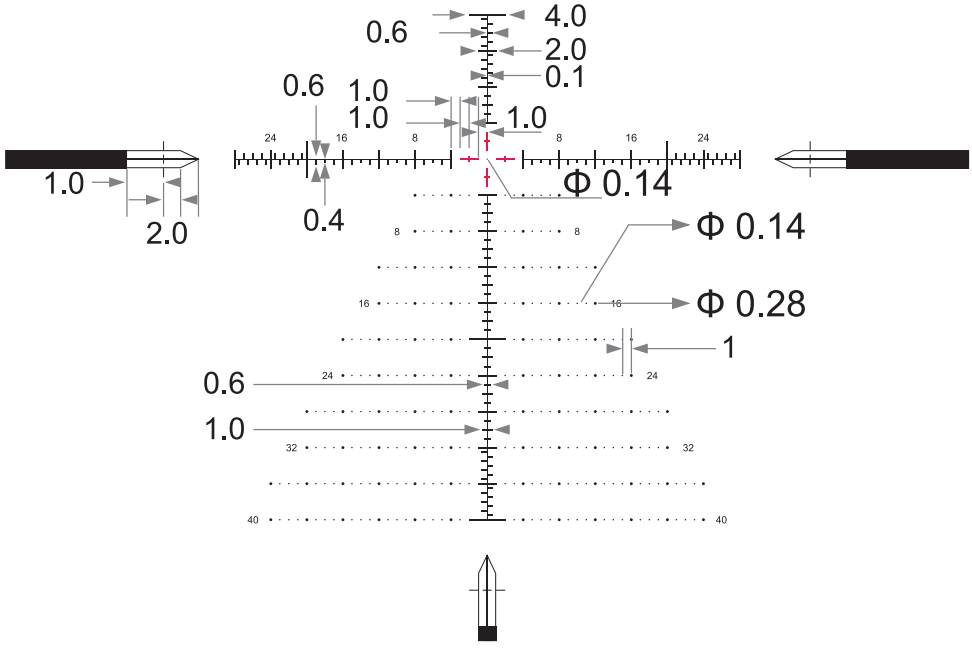
MRAD(Milliradian): 1/1000th of 1 radian of arc
1MRAD≈ 1MIL
1MIL= 3.438 MOA
1MIL= 3.599 inches @ 100 yards
1/10 MIL = 0.359 inches @ 100 yards

MOA							
100 yds	200 yds	300 yds	400 yds	500 yds	600 yds	700 yds	800 yds
1”	2”	3”	4”	5”	6”	7”	8”

MRAD							
100 yds	200 yds	300 yds	400 yds	500 yds	600 yds	700 yds	800 yds
3.6”	7.2”	10.8”	14.4”	18”	21.6”	25.2”	28.8”

VPR Reticle Subtention





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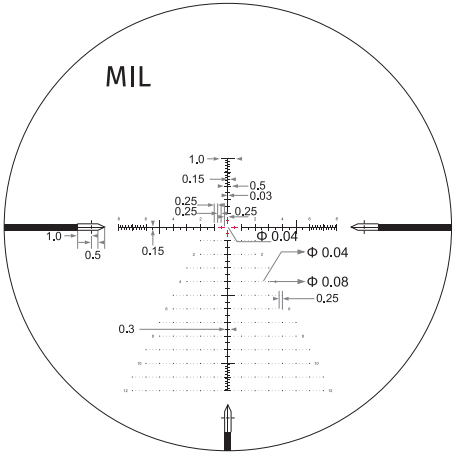

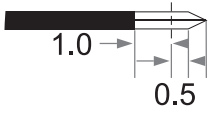

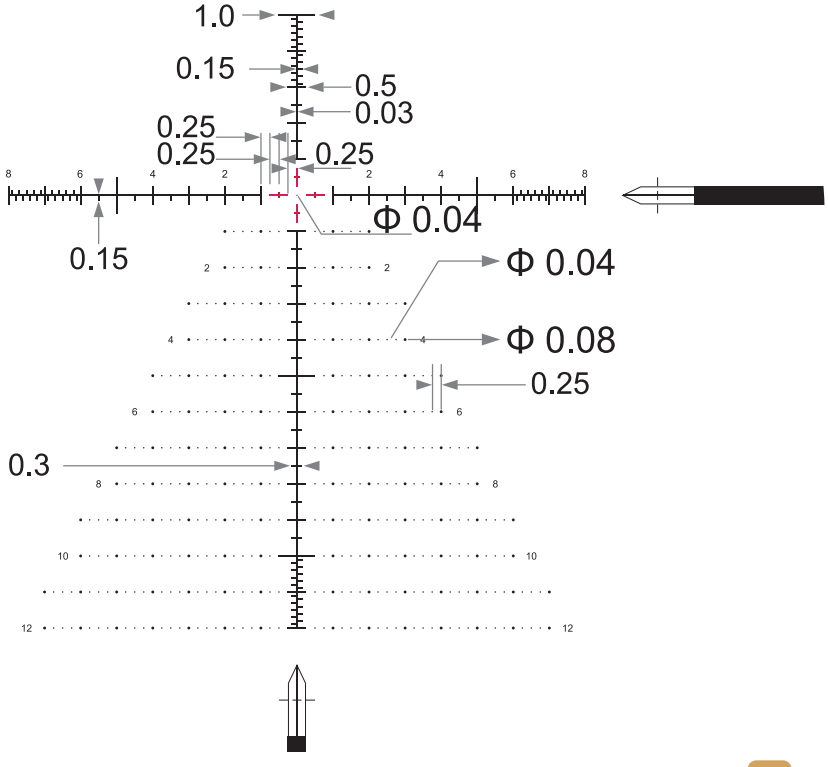

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Measurement Reference

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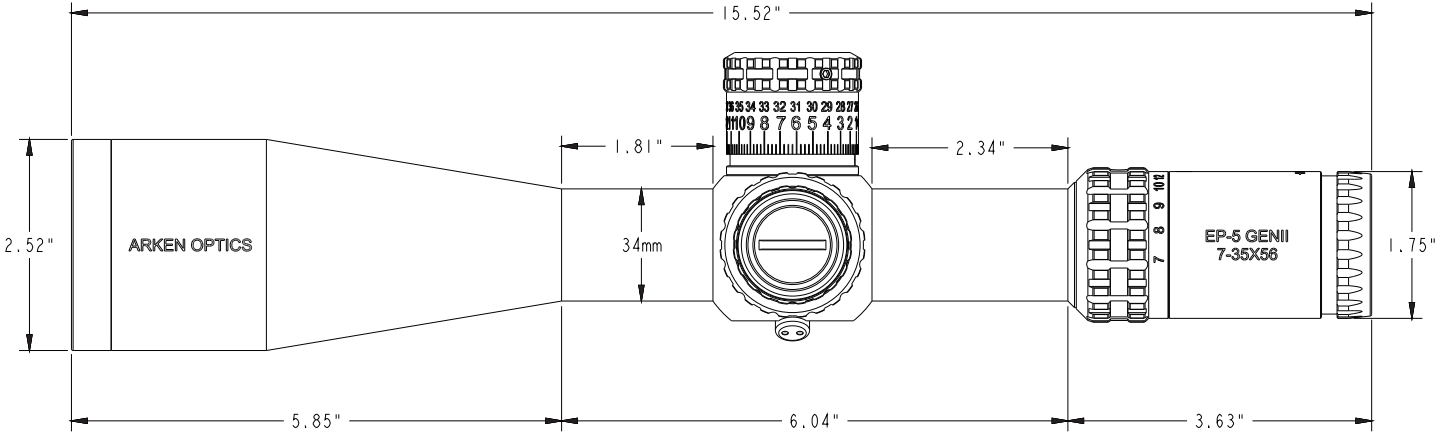

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