1-4x20 LPVO Rifle Scope



USER MANUAL

1.CVLIFE 1-4x20 LPVO RIFLE SCOPE SPECIFICATIONS

Magnification	1-4x
Objective lens :	20mm
Ocular lens :	30mm
Elevation adjustment range :	±100 MOA
Windage adjustment range :	±100 MOA
Field of view setting distance :	100 yards
Eye relief :	3.5"
Field of view :	105.8-27.5ft@100yard
Diopter adjustment :	±2
Length :	8.66 inches
Weight :	17.5oz(includes scope mount)
Tube diameter :	1 inch
Click value :	1/2 MOA

2.CVLIFE 1-4x20 LPVO RIFLE SCOPE

Desiged for the better peformance from short to medium distance, CVLIFE 1-4x20 second focal plane scope(SFP) packed of friendly features.

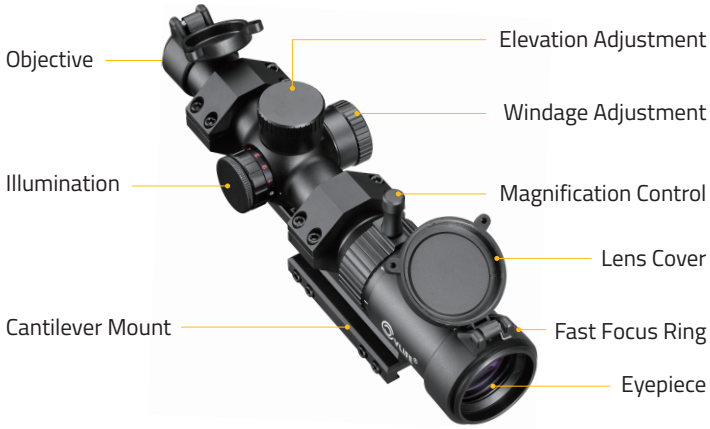
Features:

- BDC Illuminated Reticle
- Variable 1-4x Magnification
- Fast Focus Eyepiece
- Fully Multi-coated Lenses
- Compact and Lightweight
- Waterproof, shockproof,fog-proof

Includes:

- 1 x Scope
- 1 x Cantilever Scope Mount
- 2 x Lens Covers
- 2 x CR1632 Batteries
- 1 x Screw Driver
- 1 x Lens Cloth
- 1 x Manual

3.DIAGRAM

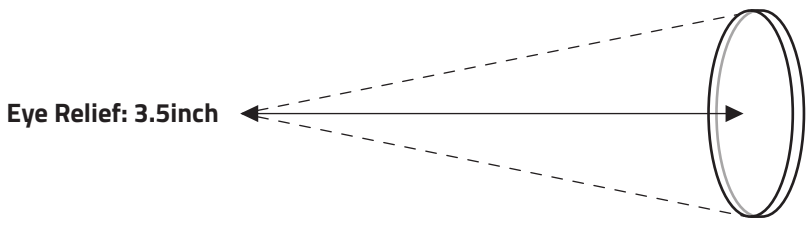


4.MOUNTING THE SCOPE

To achieve the best accuracy, your scope must be mounted properly. Follow these steps:

1) Before tightening the scope mount, look through the scope in your usual shooting position. Adjust the scope (either forward or backward) until you find the furthest point forward that provides a full field of view, ensuring maximum eye relief.
2) Rotate the scope in the rings until the reticle is perpendicular to the bore and the elevation adjustment is on top.
3) Tighten the mounting screws. Do not over-tighten as this could damage the scope and impact the performance. Make sure there is a slight, even gap on both sides of the rings.

WARNING: IF THE SCOPE IS NOT MOUNTED FAR ENOUGH FORWARD, ITS REARWARD MOTION MAY INJURE YOU DUE TO THE RECOIL.





5.EYEPIECE FOCUSING

The eyepiece is designed for quick and precise focusing. It adjusts faster than your eye can compensate for any inaccuracies.
To focus, look at a distant object for several seconds without using your scope. Then, shift your vision quickly and look through the scope at a plain background. Adjust the fast-focus eyepiece by turning it clockwise or counterclockwise until the reticle pattern appears sharp and clear before your eye can refocus. Re-check the image with a quick glance after adjusting.

WARNING: NEVER LOOK AT THE SUN THROUGH THE SCOPE (OR ANY OTHER OPTICAL INSTRUMENT). IT MAY PERMANENTLY DAMAGE YOUR EYES.

6.PRE-ZEROING

1) Pre-zero sighting can be done with a scoping guide or a shot shaver which can be obtained from your firearms dealer.
2) With the scope mounted and rest the rifle on a stable support.
3) Look through the bore from the breech at a target 100 yards away. Adjust the buttstock so the target is centered in the bore.
4) Without moving the rifle, turn the windage and elevation adjustment dials with your fingers in the direction you want to change the bullet's point-of-impact (up/down, left/right).

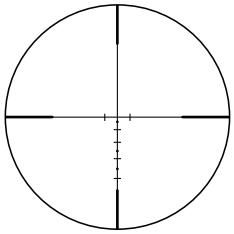
NOTE: IF A LARGE AMOUNT OF WINDAGE AND ELEVATION ADJUSTMENTS ARE NEEDED TO BORE SIGHT, MAKE HALF OF THE SCALES AVAILABLE ADJUSTMENTS AT A TIME FOR THE WINDAGE AND ELEVATION.

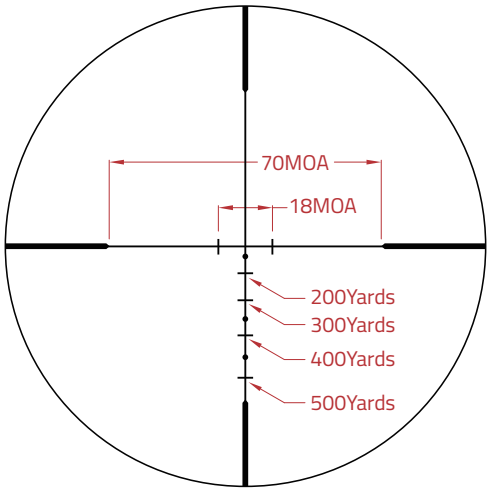
7.BORE SIGHTING

Initial bore sighting of the riflescope will save time and money at the range. This can be done by using a mechanical or laser bore sighter according to the manufacturer's instructions.

To visually bore sight a rifle:

1) Place the rifle solidly on rest and remove the bolt.
2) Sight through the bore at a target approximately 100 yards away.
3) Move the rifle and rest until the target is visually centered inside the barrel.
4) With the target centered in the bore, make windage and elevation adjustments until the reticle crosshair is also centered over the target.





8.ZEROING

The final sighting-in of your rifle should be done with live ammunition, based on your expected shooting distance.
For short-range shots, zero in at 50 yards. But, for long-range shooting at big games, experienced shooters often zero in about three inches high at 100 yards. Use three-shot groups to average the point of impact.

To make adjustments:

1) Remove outer turret caps.
2) Adjust windage and elevation knobs as needed to correct aim.
3) Each click adjustment of windage and elevation changes/moves the bullet's point of impact as shown in the chart below.

WINDAGE / ELEVATION (inches per click or movement)			
50yds	100yds	200yds	300yds
1/4"	1/2"	1"	3/2"

9.WINDAGE AND ELEVATION ADJUSTMENTS

The 1-4x20 LPVO riflescope incorporates precision finger adjustable elevation and windage dials with audible clicks.

To make adjustments:

1) Turn the adjustment knob in the appropriate direction: Up/Down or Left/Right as indicated by the arrows.
NOTE: Turn Up/Down or Left/Right the reticle will move the crosshair forward to the opposite, for example, when you turn Left to Windage the reticle will move forward to the right.
2) Following the directional arrows, turn the knobs in the direction you wish the bullet's point of impact to go.

10.RESET THE TURRET

Taking the screw out of the top of the turret by the screw driver. Rotate the turret to the zero mark and re-tighten the turret.
Note: To reset the zero of the windage and elevation adjustment turret, you need to unscrew the turret, take out the cap, correctly aligned the scope at the zero mark, and then screw the turret back.

11.ILLUMINATION ADJUSTMENTS

1-4x20 LPVO riflescope features 5 levels of red and green illumination. You can adjust the lighting intensity by turning the knob clockwise or counterclockwise.

Battery replacement steps:

1. Unscrew the cap of the Illumination Adjustment and remove it.
2. Put a new CR1632 battery in the compartment with the positive (+) side facing up.
3. Screw the cap back into place.

Note: To extend battery life, turn off the illumination when not in use.

12.MAINTENANCE

Cleaning

To clean the exterior of the scope, wipe it with a soft, dry cloth.
Note 1: Blow away any dust or grit on the lenses before wiping the surfaces.
Note 2: Use your breath or a very small amount of water or pure alcohol can help remove stubborn stains.

Lubrication

All components of the riflescope are permanently lubricated, so no additional lubricant should be applied.
Note: Other than resetting the turret, do not attempt to disassemble any components of the riflescope, as doing so may void the warranty.

Storage

If possible, avoid exposing your CVLIFE riflescope to direct sunlight or any high-temperature location for an extended period of time.

13.TROUBLESHOOTING

Frequently, sighting-in issues believed to be scope-related are actually due to mounting problems. Make sure that you are using the correct base and rings in the proper orientation, and that the base screws and rings are securely tightened.
Insufficient windage or elevation adjustment range may indicate problems with the rings, base, base alignment, base mount holes drilled in the rifle's receiver, or barrel/receiver alignment.

14.WARRANTY

To guarantee the highest quality service and peace of mind, every customer who purchases the CVLIFE 1-4x20 LPVO SFP Rifle Scope will receive a 1-year warranty provided by CVLIFE. However, the warranty does not cover loss, theft, intentional damage, or minor blemishes that do not affect the product's functionality. If you experience any product problems, you can contact our customer service on Amazon, and we will work to resolve the issue to your satisfaction.