URBAN DOT SIGHT (UDS)

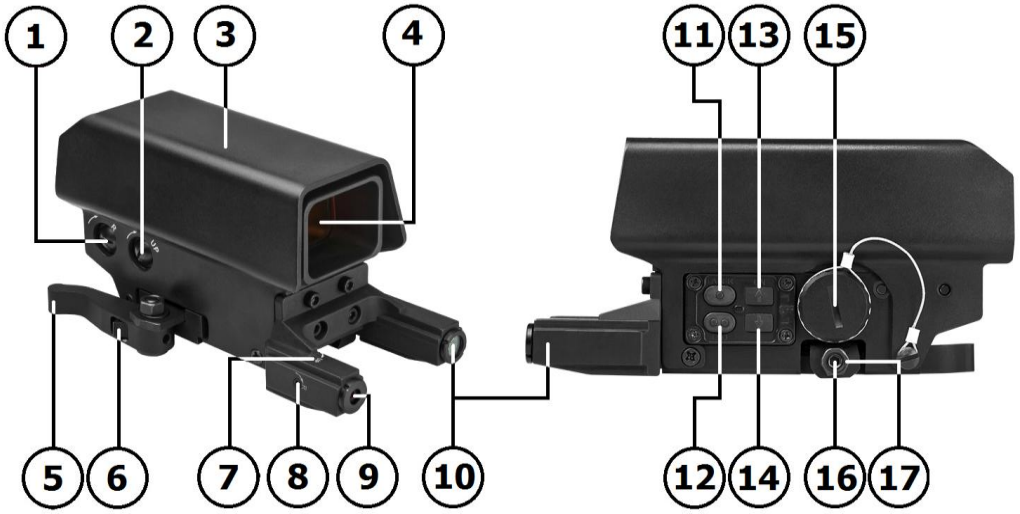
OWNER'S MANUAL

URBAN DOT SIGHT (UDS)

Congratulations on the purchase of your new VISM Urban Dot Sight (UDS)! The UDS Reflex Sight gives you some very unique features not found in any other Reflex Sight. Integrated into the front of the UDS Reflex Sight are two low mounted pods, the right pod is an adjustable Green Laser and the left pod is a Red & White Navigation LEDs. Other Features are: Locking Quick Release Mount, Electronic Control Panel for operating the Cross Grid Reticle/ Green Laser/ NAV LEDs, Fully Armored Shield around the Reflex Sight main body.

Backed by a Lifetime Limited Warranty, your VISM Reflex Sight will provide you with years of reliable service. This Owner's Manual will help you understand all of the features of your new Reflex Sight. Follow all instructions carefully before initial use to experience the best performance.

UDS Reflex Sight Features



1. Cross Grid Windage Adjustment Screw (↻R)
2. Cross Grid Elevation Adjustment Screw (↻UP)
3. Armored Shield
4. Objective Lens
5. Quick Release Lever
6. Auto-Locking Latch
7. Green Laser Elevation Adjustment Screw (↻UP)
8. Green Laser Windage Adjustment Screw (↻R)
9. Green Laser Pod
10. White & Red Navigation LED Pod
11. Green Laser On/OFF Switch (◯)
12. NAV Light On/OFF and Color Switch (◯◯)
13. Up Arrow (⇧) Button for Cross Grid Reticle
14. Down Arrow (⇩) Button for Cross Grid Reticle
15. Tethered Battery Cap and Battery Compartment
16. Lock Nut
17. Allen Head Adjustment Screw

CAUTION: BE SURE THAT YOUR FIREARM IS UNLOADED AND POINTED IN A SAFE DIRECTION. PRACTICE SAFE FIREARMS HANDLING PROCEDURES AT ALL TIMES.

NOTE: IF YOU ARE UNFAMILIAR WITH THE PROCESS OF MOUNTING A REFLEX SIGHT, IT MAY BE NECESSARY TO EMPLOY THE SERVICE OF A QUALIFIED GUNSMITH.

Mounting the UDS Reflex Sight

The UDS Reflex Sight is equipped with a Quick Release Mount with an Auto-Locking Latch. To attach the Reflex Sight to a Weaver/ Picatinny/ MIL-STD 1913 type rail, move the Auto-Locking Latch located within the Quick Release Lever away from the pivot point and swing the Quick Release Lever to the forward (Open) position. Place the Quick Release Mount onto the optics rail, with the Recoil Lug placed into one of the cross slots on the optics rail. Move the Quick Release Lever rearward (Closed position) to secure/tighten the Quick Release Mount to the optics rail.

On the Left side of the Quick Release Mount is a Lock Nut and Allen Head Adjustment Screw. The Allen Head Adjustment Screw is used to adjust the rail mount tension. To adjust the rail mount tension, you must first loosen the Lock Nut Counter-Clockwise (↺). Once the Lock Nut is loosened or removed, you can then use an Allen wrench to turn the Allen Head Adjustment Screw.

Turn the Allen Head Adjustment Screw Clockwise (↻) to make the rail mount tension Tighter, turn the Allen Head Adjustment Screw Counter-Clockwise (↺) to make the rail mount tension Looser.

To test the rail mount tension, open and close the Quick Release Lever while mounted on the optics rail. Make adjustments to the Allen Head Adjustment Screw until you get the proper rail tension. Once you have the rail mount tension properly adjusted, turn the Lock Nut Clockwise (↻) to Lock the Allen Head Adjustment Screw in place.

Dismounting the UDS Reflex Sight

To remove the UDS Reflex Sight from a rail, slide the Auto-Locking Latch located within the Quick Release Lever away from the pivot point and swing the Quick Release Lever to the forward (Open) position. You can then remove the Reflex Sight from the rail.

Windage and Elevation Adjustment Screws

Your UDS Reflex Sight is equipped with Elevation and Windage Adjustment Screws which changes your Cross Grid Reticle point of aim, relative to your rifles point of impact.

The Elevation Adjustment Screw is located on the Right Side of the Reflex Sight Main Body, and is responsible for the Up and Down movement of the Cross Grid Reticle. The Elevation Adjustment Screw is in front of the Windage Adjustment Screw and is marked with a Clockwise Arrow (↻) with the word "UP" printed next to the Adjustment Screw. Use a Flat blade Screwdriver to adjust the Cross Grid Reticle Up and Down movements.

Turning the Elevation Adjustment Screw Clockwise (↻) will move the Reticle Up (⇧), shifting the bullet point of impact Down (⇩).

Turning the Elevation Adjustment Screw Counter-Clockwise (↺) will move the Reticle Down (⇩), shifting the bullet point of impact Up (⇧)

The Windage Adjustment Screw is located on the right side of the Turret Body, and is responsible for the Left and Right movement of the of the Cross Grid Reticle. The Windage Adjustment Screw is

marked with a Clockwise Arrow (↻) with the letter "R" printed next to the Adjustment Screw. Use a Flat blade Screwdriver to adjust the Cross Grid Reticle Left and Right movements.

Turning the Windage Adjustment Screw Clockwise (↻) will move the Reticle Right (⇨), shifting the bullet point of impact Left (⇦).

Turning the Windage Adjustment Screw Counter-Clockwise (↺) will move the Reticle Left (⇦), shifting the bullet point of impact Right (⇨).

Zeroing the UDS Sight

After you have completed installation of your Reflex Sight it will be necessary to adjust the Reflex Sights point of aim to match the rifles point of impact. This can be accomplished using several methods, but we recommend the use of a Bore Sighting Device to save time and ammunition. Using a Bore Sighting Device will ensure that your shots land "on paper". Follow the Manufacturer's Instructions for the Bore Sighting Device that you choose in order to achieve the best results. You are now ready to finalize your Zero.

CAUTION: ALWAYS BE SURE TO REMOVE THE BORE SIGHTING DEVICE BEFORE SHOOTING LIVE AMMUNITION. FAILURE TO DO SO CAN CAUSE DAMAGE TO YOUR FIREARM OR INJURY TO YOURSELF AND THOSE AROUND YOU.

CAUTION: WHEN OPERATING ANY TYPE OF FIREARM ALWAYS USE PROPER EYE AND EAR PROTECTION. BE SURE TO USE YOUR FIREARM IN AN AREA THAT IS PERMISSIBLE UNDER LOCAL, STATE, AND FEDERAL LAW.

Bore Sighting alone is not sufficient enough to ensure an accurate Zero. You must shoot you firearm at the range in order to confirm a 100% accurate Zero. Follow these steps to fine tune your Reflex Sight adjustments:

1. Secure your firearm using a steady platform such as a rifle bench rest or sand bags.
2. Fire 3 to 5 carefully aimed shots at a target that is set to your desired Zeroing distance.
3. Observe where the bullet grouping has struck the target and make adjustments to the Elevation and Windage settings as necessary until your point of aim matches your point of impact.
4. Continue with this process until you have achieved your desired level of accuracy.
5. Your Reflex Sight is now Zeroed to your firearm at the distance that you have chosen.

It is important to remember that many factors can affect the accuracy of your Reflex Sights zero including temperature, humidity, elevation, distance, angle, and other conditions. Changing ammunition brands can affect accuracy as well.

Cross Grid Reticle

The UDS Cross Grid Reticle is controlled by the Electronic Control Panel located on the left side of the Reflex Sight main body. In the Electronic Control Panel are two Rectangular Buttons located on the right side. The Rectangular Buttons are marked with an Up Arrow ⇧ and Down Arrow⇩. There are 5 brightness levels for the Cross Grid Reticle.

- Pressing the Up Arrow button will turn the Cross Grid Reticle On.
- To adjust the brightness level of the Cross Grid Reticle you simply press the Up Arrow ⇧ button to increase the brightness level of the reticle or press the Down Arrow ⇩ button to decrease the brightness level of the Cross Grid Reticle.
- Pressing BOTH Up Arrow ⇧ and Down Arrow ⇩ buttons at the same time, will turn the Cross Grid reticle Off.
- When the Cross Grid reticle is turned back On, it will remember the last brightness setting used.

Adjust the brightness level as needed in accordance with the surrounding conditions. Be sure that the Cross Grid Reticle is turned Off when not in use to preserve battery life.

Navigation LEDs

The UDS Reflex Sight right pod has an integrated White and Red Navigation (NAV) LEDs.

The NAV LEDs do not replace a weapons mounted Tactical Flashlight, they are meant to supplement it.

The UDS Navigation LEDs allow the shooter the option to use to the lower powered NAV LEDs to move around in the dark without bumping into obstacles, without giving the shooters position away to an adversary, and also maintaining the shooters night vision to better see in the dark.

The White LED provides more lighting than the Red LED and helps with maneuvering and identifying targets in the dark in close confines/ indoors. They are used to see & identify obstacles and targets at closer ranges, without blinding the shooter.

The Navigation LEDs are controlled by the bottom Oval Button (with Two Dots) on the lower left corner of the Control Panel.

When you first press the Bottom Oval Button (with Two Dots) it will turn On the Red LED. A second press will turn On the White LED. One final press will turn Off the Navigation LEDs.

Battery Installation

On the left side of the Reflex Sight Body you will find the Tethered Battery Cap with a machined notch in the center. If the Battery Cap is too difficult to turn, you may use a small coin to break it loose. The Battery Cap is removed by turning the Battery Cap Counter-Clockwise (↺).

Remove the old battery and dispose of it properly. Replace it with a New 3-volt CR123A Lithium Battery, with the positive (+) side facing outward. Reinstall the Battery Cap by twisting it Clockwise (↻) until snug.

If after you replace the Battery and the Cross Grid Reticle, Green Laser, or Navigation LED lights do not turn on, make sure you have installed the Battery orientation correctly or try another New Battery.

If the Cross Grid Reticle turns On, but the Navigation LED lights or the Green Laser does not turn On, the Battery may be near the end of its battery life and it's time for a New Battery.

Make sure that the Cross Grid Reticle, Green Laser, and the Navigation LED lights are turned OFF when not in use to preserve battery life. If you are going to store your Reflex Sight for a prolonged period of time it is best to remove the battery to avoid leakage that can damage the Reflex Sight.

Care and Maintenance

Your VISM Urban Dot Sight is shock proof, waterproof, and fog proof. However, you should never try to take it apart or clean it internally. The exposed optical lens surfaces will perform their best if they are routinely cleaned with a lens brush or a lens cloth. For a deep cleaning, you can also use high grade camera lens paper and camera lens cleaning solutions. Never use any other type of materials or solvents other than those designed specifically for optical lenses to avoid damaging your Reflex Sight. Clean the outer portion of the lens cavity first with cotton swabs, clearing as much debris and dust as possible. Then, gently clean the lenses using a circular motion starting in the center and ending at the edges. Do not rub the lenses continually; simply wipe in short circular patterns. Maintain the exterior surfaces of the Reflex Sight by removing dirt or sand by using a soft brush or a soft, dry cloth. You can also use a silicone treated cloth to restore luster and protect the Reflex Sight against corrosion. Be careful not to touch any of the lenses with the silicone cloth. It is not necessary to lubricate any part of the Reflex Sight as all of the moving parts, such as the turrets and the fast focus eyepiece, are permanently lubricated. When not in use, always store your Reflex Sight in a dry place with the lens caps on to prevent scratches to the lenses.

IF YOU ARE UNFAMILIAR WITH ANY OF THE PROCEDURES IN THIS MANUAL, ALWAYS SEEK THE HELP OF A QUALIFIED PROFESSIONAL TO AVOID DAMAGE TO YOUR REFLEX SIGHT AND YOUR FIREARM.

VISM URBAN DOT SIGHT (UDS) SPECIFICATIONS

Reflex Sight		Green Laser
Magnification: 1X Objective Size: 32mm X 25mm Reticle Type: Cross Grid Length: 5.5” Width: 2.4” Height: 2.9” Weight: 15.1 oz. Lens Coating: Ruby Battery Type: CR123A (3 volts Lithium)		Wavelength: 532 nm Maximum Output Power: <5mW Operating Voltage: 3V DC Line Width: <0.1 nm Beam Divergence: <1mrad Beam Diameter: <1 mm Operation Current: <300mA Operating Temperature: 59 – 95 degrees Fahrenheit

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