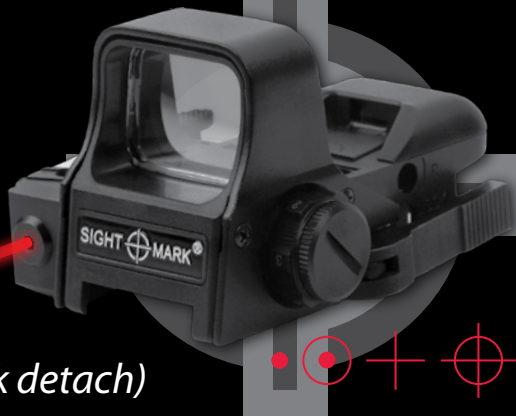


S I G H T  M A R K [®]

USER MANUAL

REFLEX SIGHT

Ultra Dual Shot QD (*quick detach*)



English

ABOUT SIGHTMARK®

Sightmark offers a wide range of products that include red dot scopes, reflex sights, rangefinders, riflescopes, laser sights, night vision and award-winning flashlights and boresights. Sightmark products are inspired by military and law enforcement applications. All products are designed to be the most effective weapon accessories possible.

Sightmark - MAKE YOUR MARK

S I G H T  M A R K®

www.sightmark.com

Ultra Dual Shot QD reflex sight 1-11

ENGLISH



ENGLISH



FEATURES:

- Precision accuracy
- Adjustable red laser parallel to sight
- Quick detach mounting system
- InterLok™ internal locking system
- Composite body with metal protective shield
- Wide field of view
- Perfect for rapid fire or moving targets
- Multi-reticle (4 patterns)
- Adjustable reticle brightness
- Parallax corrected
- Unlimited eye relief
- Built-in Weaver mount
- Withstands heavy recoil calibers



TECHNICAL SPECIFICATIONS

REFLEX SIGHT:

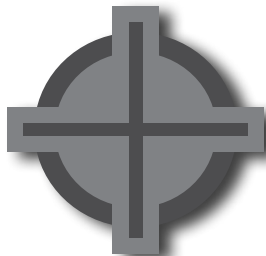
Magnification	(x)	1
Objective	(mm)	34x25
Field of view	(m @ 100yds)	36
Eye relief		infinite
Coating		AR red
Water resistant	(yes / no)	yes
Reticle		multi (4 patterns)
MOA adjustment	(1 click)	1
Battery type		(1) CR1620
Brightness settings		1-5 and "off"
Max caliber		up to .50
Construction		composite body, metal surround
Operating temperature	(°C)	-10 to 50
Dimensions	(in)	3.7x2.8x2.3
Weight	(oz)	7.1

LASER:

Visibility (day / night)	(m)	18 / 274
Laser wavelength	(nm)	632-650
Laser power output	(mW)	<5
Laser type		visible red dot
Dot size	(MOA)	2

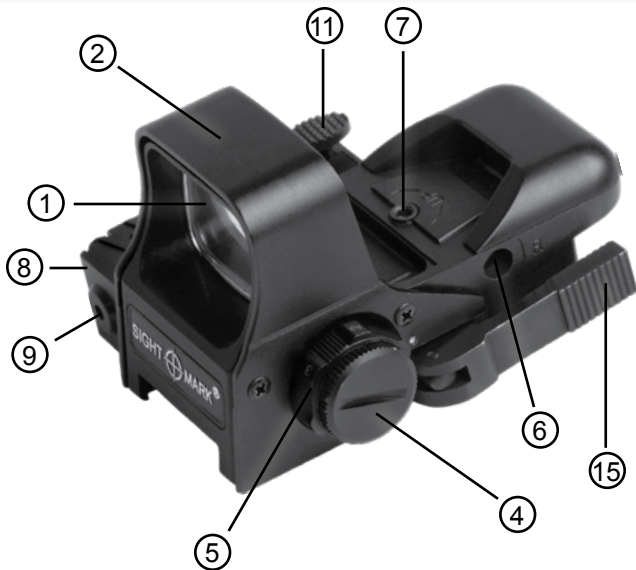
INCLUDES:

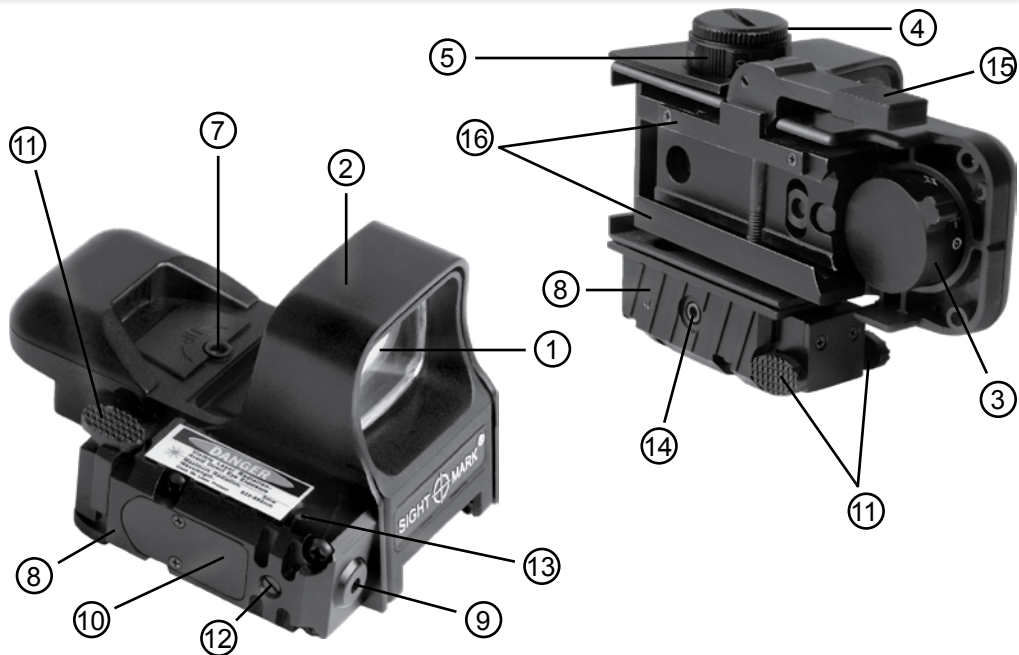
- Reflex sight
- Neoprene cover
- Adjustment tools
- Remote pressure pad
- (1) CR1620 and (2) AG13 batteries
- Limited Lifetime Warranty



DIAGRAM

1. Window / lens
2. Metal protective shield
3. Reticle brightness control
4. Reticle battery compartment
5. Reticle selection knob
6. Reflex windage adjustment
7. Reflex elevation adjustment
8. Laser housing
9. Laser aperture
10. Laser battery door
11. Laser On / Off switch
12. Laser windage adjustment bolt
13. Laser elevation adjustment bolt
14. Remote pressure pad outlet
15. Quick detach lever
16. Weaver mount





ABOUT THE SIGHTMARK ULTRA DUAL SHOT QD

The Sightmark series of reflex sights are ergonomically designed to create a lightweight, yet accurate, sight while maintaining all-important peripheral and depth perception while shooting. Perfect for shotguns or rifles, the Sightmark Ultra Dual Shot QD is able to withstand heavy recoil calibers while being extremely accurate due to its larger, parallax corrected window, creating the ultimate precision optic. The adjustable integrated laser further enhances accuracy, and is perfect for rapid fire or moving targets. With a wider field of view than any other reflex sight on the market, a unique quick detach mounting system, an oversized viewing area, 4 different illuminated reticle types and a Limited Lifetime Warranty, the Sightmark Ultra Dual Shot QD is literally in a class by itself.

As with every Sightmark product, the Ultra Dual Shot QD reflex sight is a quality shooting accessory for any tactical, hunting, or competition shooting function.

BATTERY INSTALLATION

The Sightmark Ultra Dual Shot QD reflex sight is powered by (1) CR1620 battery. The integrated red laser is powered separately using (2) AG13 batteries.

To insert, remove or replace the reflex sight's batteries:

- 1) Find the reticle brightness knob located on the side of the unit.
- 2) The battery cap is built into the reticle brightness knob; it is a thin cap with a ridged edge and a thin, shallow

slot across the flat face. To remove the battery cap, grip the reticle brightness knob with one hand and the cap's edge with your other hand. Turn the battery cap counterclockwise until it detaches from the reticle brightness knob. You can also remove the battery cap by inserting a coin or fingernail into the slot and turning it counter clockwise.

- 3) Once the battery cap has been removed, place the battery into the battery compartment making sure that the positive side of the battery is facing away from the sight.
- 4) After inserting the battery, replace the battery cap and turn it clockwise until it is firmly in place.

To insert, remove or replace the laser's batteries:

- 1) Find the battery door located on the side of the laser.
- 2) Using the supplied screwdriver, loosen the screws that hold the battery door in place and remove the door.
- 3) Inside you will see two battery compartments. Place each battery into a compartment making sure that the pole is facing the correct direction. A (+) or (-) printed on the bottom of each compartment will indicate which way to place the battery.
- 4) After inserting the batteries, replace the battery door and the screws. Tighten the screws until the door is firmly in place. DO NOT over tighten as this may strip the screws or cause damage to the laser.

MOUNTING

The Ultra Dual Shot QD is designed with a built-in Weaver mount and quick detach mounting system.

To mount:

- 1) MAKE SURE YOUR FIREARM IS UNLOADED. DO NOT attempt to mount the sight onto a loaded weapon.
- 2) The quick detach lever is located on the side of the sight, behind the reticle selection knob. Release the quick detach lever by pulling it gently away from the sight.
- 3) Place the sight onto the mounting rail exactly where you would like it to be positioned. Due to the unlimited eye relief of the sight, allow at least three inches of clearance between the end of the LED, mirror housing and your eye when shooting.
- 4) When the sight is in place, re-engage the quick detach lever by gently pushing it back towards the sight. The sight will be securely fastened to the mounting rail.

ZEROING

After the Ultra Dual Shot QD is mounted to your weapon, it must be zeroed in. This advanced reflex sight features the InterLok™ internal locking system, which automatically locks each adjustment made to the windage and elevation. The InterLok™ guarantees that, once zeroed, the reticle will not shift or float from its position.

To zero the reflex sight:

- 1) Select the desired reticle by turning the reticle selection knob, then adjusting the reticle brightness to an intensity level that is comfortable for you.
- 2) With the sight securely mounted, rest your firearm on a solid support and aim at a target 50 to 100 yards (*or meters*) away. All test shots should be made under the same conditions to achieve maximum accuracy; this

includes using the same rest and same cartridge type.

- 3) Fire a test group to see where your firearm is shooting.
- 4) Adjust the reticle by altering the reflex elevation and windage adjustments. Be sure to adjust the elevation first, then the windage, using the provided adjustment tools. Continue to make adjustments until the reticle is zeroed on the point of impact of the bullet. *(Note - each click adjustment moves the point of impact by 1 MOA; approximately 1" at 100 yds, ½" at 50 yds).*

Once the reflex sight has been zeroed, you will want to adjust the position of the laser's beam to coincide with the sight.

To zero the laser:

- 1) Find the laser windage and elevation adjustment bolts that are located on the side and top of the laser housing.
- 2) Switch the laser to the "on" position (see "LASER OPERATION" section).
- 3) Using the provided adjustment tool, turn the laser windage adjustment bolt clockwise to make the point of the laser move right, or counterclockwise to make it move left. Using the same tool, turn the laser elevation adjustment bolt clockwise to make the laser point move up, or counterclockwise to make it move down.
- 4) Keep adjusting the laser windage and elevation adjustment bolts until the point of the laser aligns with the reflex sight's point of impact.

LASER OPERATION

Standard laser operation:

- 1) To activate the laser, find the laser switch and gently push down from the top.
- 2) To deactivate the laser, gently push up from the bottom of the switch.

Using the remote pressure pad:

- 1) Make sure the laser is in the "off" position.
- 2) Plug the remote pressure pad into the outlet located on the underside of the laser housing.
- 3) To activate the laser, gently press the pressure pad.
- 4) To deactivate the laser, release the pressure pad.

STORAGE

Make sure that your Sightmark reflex sight is securely attached to your rifle before storing, and be sure the unit is turned off (*set the intensity level to zero*). Cover with the included neoprene cover. Remove the reflex sight, and the batteries, if the unit will be stored for an extended period of time.

MAINTENANCE

The body of this reflex sight may be cleaned using a soft cloth and water, or alcohol, when exposed to dirt, dust or other residue. To clean the lenses, first gently blow or brush off any particles using a soft cloth. Then you may dip the soft cloth into a lens cleaning solution and use it to wipe the lens until it is clear.

WARNING

Before handling the reflex sight, read and understand the contents of your firearm's manual, and the Sightmark reflex sight manual. Follow all standard safety precautions and procedures during firearm operation, even when the reflex sight is not in use.

- NEVER point the laser directly at, or into, an eye. This may cause damage to the eye, or blindness.
- Avoid looking directly into the laser.
- Avoid shining the laser into mirrors or other reflective surfaces.
- Avoid hitting or dropping the unit.
- ALWAYS check that the chamber of your weapon is clear before mounting or dismounting the reflex sight.
- ALWAYS remove the reflex sight when cleaning, or performing other maintenance, on your firearm.
- The reflex sight should be tested during periods of non-use to make sure it is still operating properly.

Failure to follow standard firearm safety precautions and procedures, as well as the above warnings, is dangerous and may result in serious injury, damage to property, or death.



SIGHTMARK LIMITED WARRANTY

Your product is warranted free of defects in materials and workmanship. In the event of a defect under this warranty, we will, at our option, repair or replace the product. For night vision products, the image intensifier tube that enables night vision capability is warranted to be free from defects for a period of 3 years, as are other electronic components and light emitting devices such as lasers, red dots, and holographic imaging devices. However, light bulbs, batteries and other consumable components are not applicable to this warranty. This warranty does not cover damages caused by misuse or improper handling. Also, this warranty is null and void if modification or maintenance is provided by someone other than the manufacturer.

If you are sending in a product for a warranty repair, you will be required to fill out a RA request form, which can be found at the brand's website. Once the form has been received and processed, you will receive a confirmation email containing your RA number and a PDF Return Form. The Return Form must be filled out completely, and mailed in, with your product. In order for your repair to be successfully fulfilled, be sure to closely follow all instructions outlined by the Return Form. If any of the aforementioned instructions are not properly followed, your request cannot be processed and the product will be held until you are contacted, and proper documentation is received.

To receive a RA number for warranty service or out-of-warranty repair, or need further information regarding warranty details and information, visit www.sightmark.com.

This warranty is non-transferable and is only valid if the product is registered within 30 days after the product has been purchased. To register your product, go to the brand's website. Warranty details and updates, including specific warranty coverage outside the United States, are located online, along with information regarding any shipping costs and/or handling fees. Registering online may also provide additional coverage and faster warranty service.

**Warranty varies by country. See website for details.*

S I G H T  M A R K[®]

www.sightmark.com