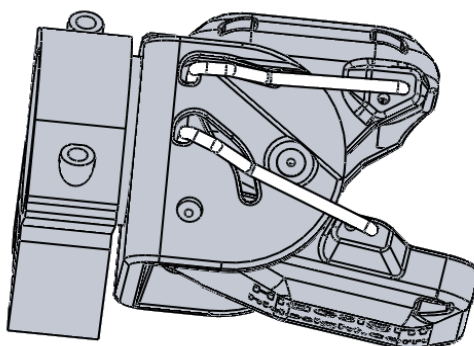


# Hidesight®

## User manual



**Before use read the manual**

The **Hidesight®** is an add on device for red dot and holographic weapon sights. It mounts behind the main sight, and enables seeing through the users existing red dot, or holographic sight while staying concealed behind obstacles. Sight enables the user to observe or engage targets while staying protected from direct fire/ observation. Hidesight is highly useful in situations where the opposing force is significantly larger in size, carrying body armor is not an option, or when the opposing force tries to advance with help of indirect fire.

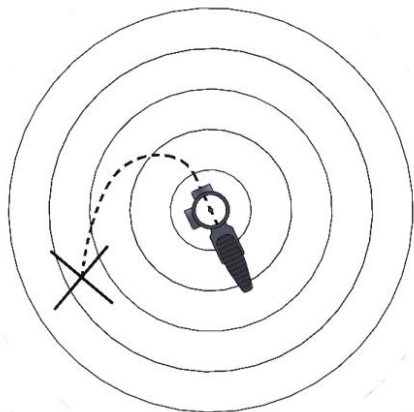


Hidesight in normal position, behind Aimpoint CompM4

The view through **Hidesight** is 1x powered, (non magnifying) true image. Hidesight does **not** project an mirrored image of the sighting picture, left is left, and right is right. Thus the sighting, and target acquiring is easy and intuitive.

## Warning!

1. Canting of the rifle alters the impact point of the bullet significantly. User must be aware of this property, and how to correct it on the specific weapon before making a critical shot.

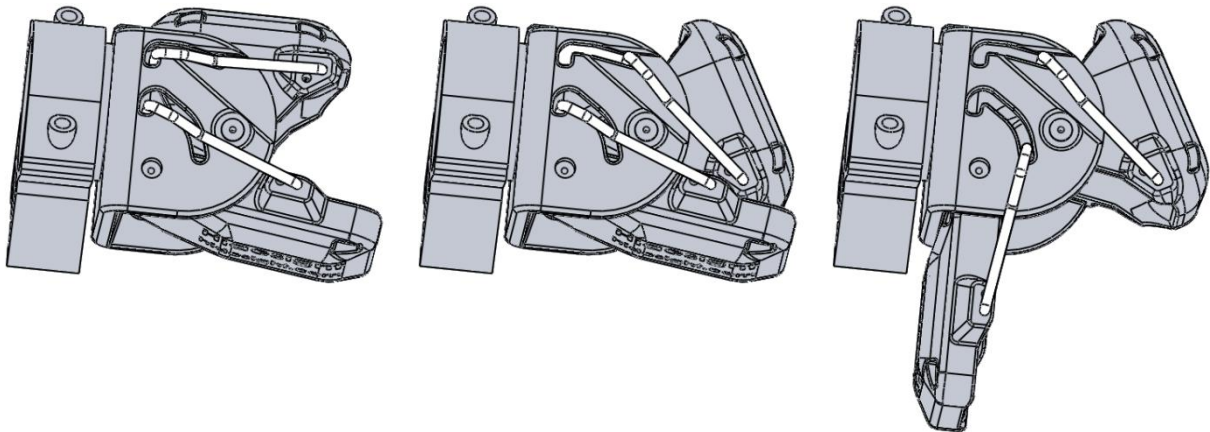


2. Use eye/face protection. Depending on the weapon used and the position of the Hidesight, the extracting shell casings may impact the shooters face/eye. To prevent this, position device conveniently, or use shell catcher. If no eye-protection available, use head apparel as protection and keep eyes closed when firing.

3. Before firing, make sure there is nothing in front of your rifle barrel, as the optics are significantly higher than the barrel bore.

**The sight has a dual mechanism safety feature that prevents accidental opening. Press the moving frame towards closing position, push the locking latch open and release hand from frame. Pushing the frame eases the spring tension directed on the locking latch, reducing the force needed to open the latch. Closing is done simply by pushing frames to closed position.**

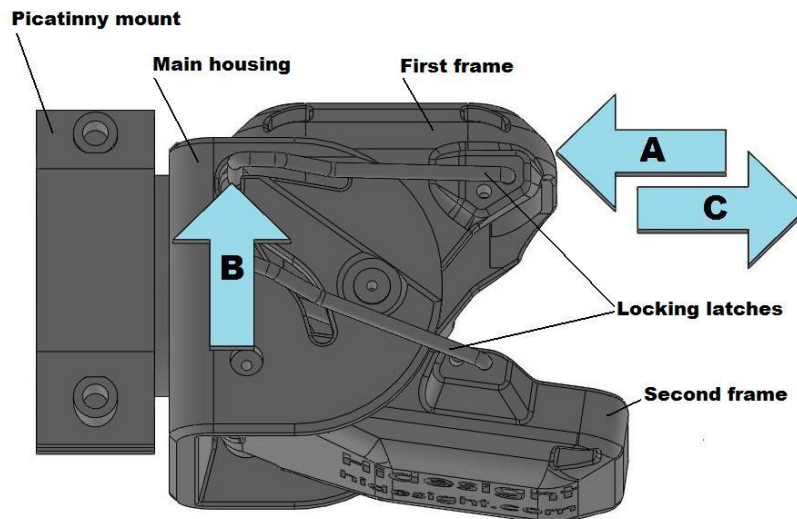
## Hidesight features three different operational modes :



Normal mode

Side view mode

Entrenchment mode

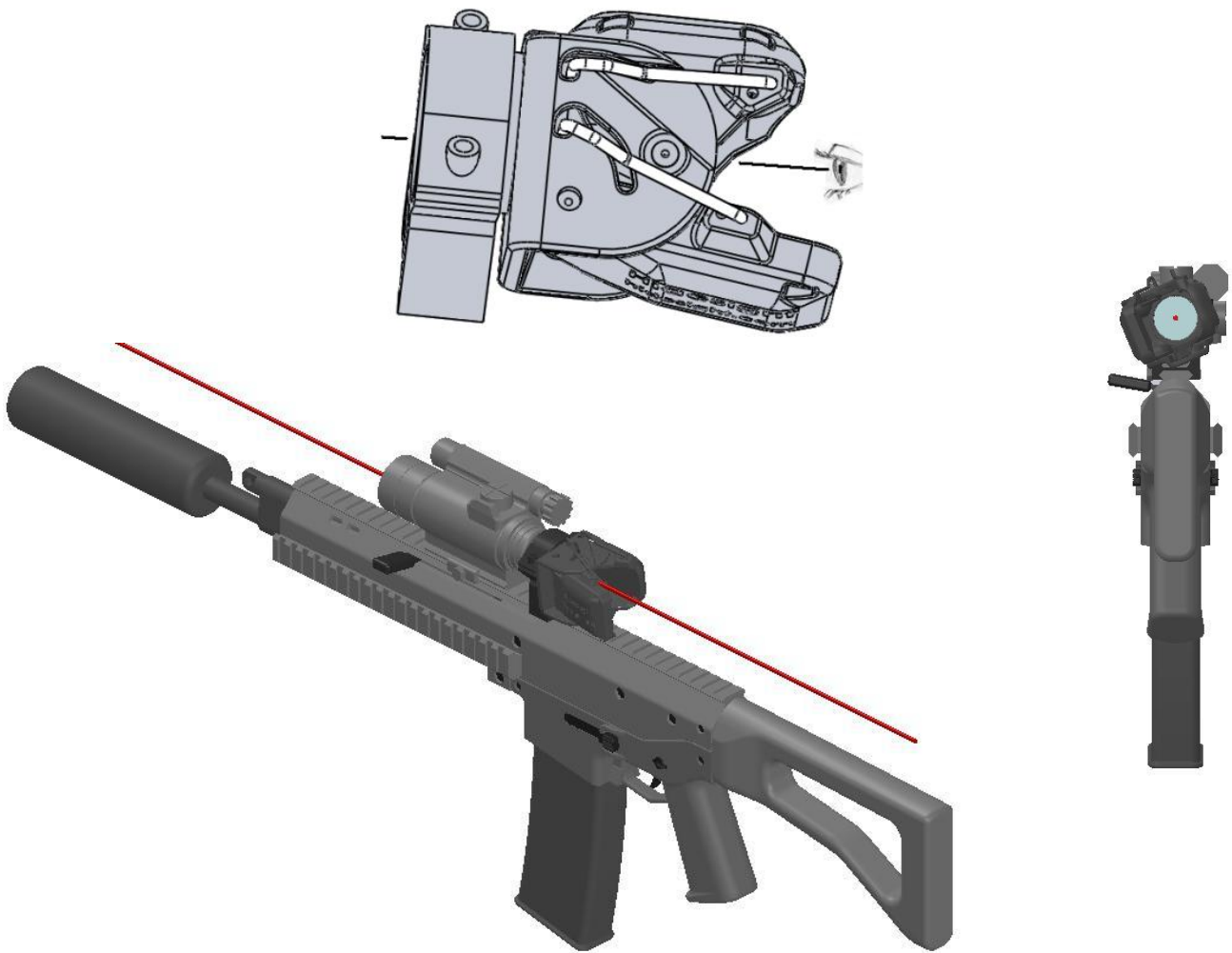


The sight has a dual mechanism safety feature that prevents accidental opening. Press moving frames slightly more toward closing position (A). This eases the spring tension directed on the locking latch, reducing the force needed to open the latch. Push locking latch sideways (B), Still pushing the latch (B), remove hand out of way (C) to let the frame slide to its place. For easy one handed operation: Simply, push (A) with palm of your hand, flick (B) with thumb, and pull palm away.

Closing is done simply by pushing frames to closed position. The same functions work on both frames.

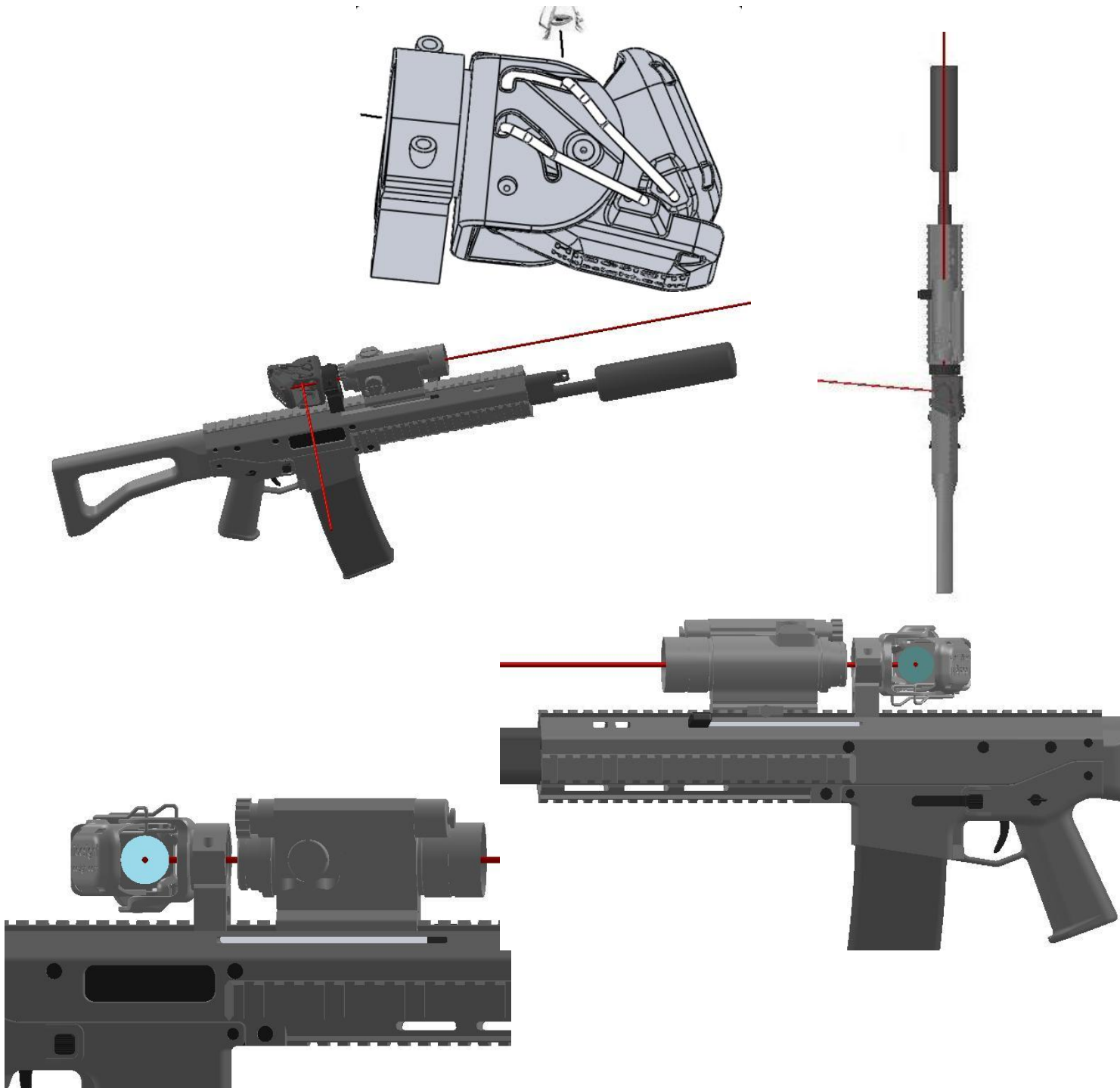
Opening and closing frames should be practiced. At the early stages of training it is advisable to always first open the first frame. After mastering the opening/closing sequence, the procedure can be done as user prefers.

## Normal position mode



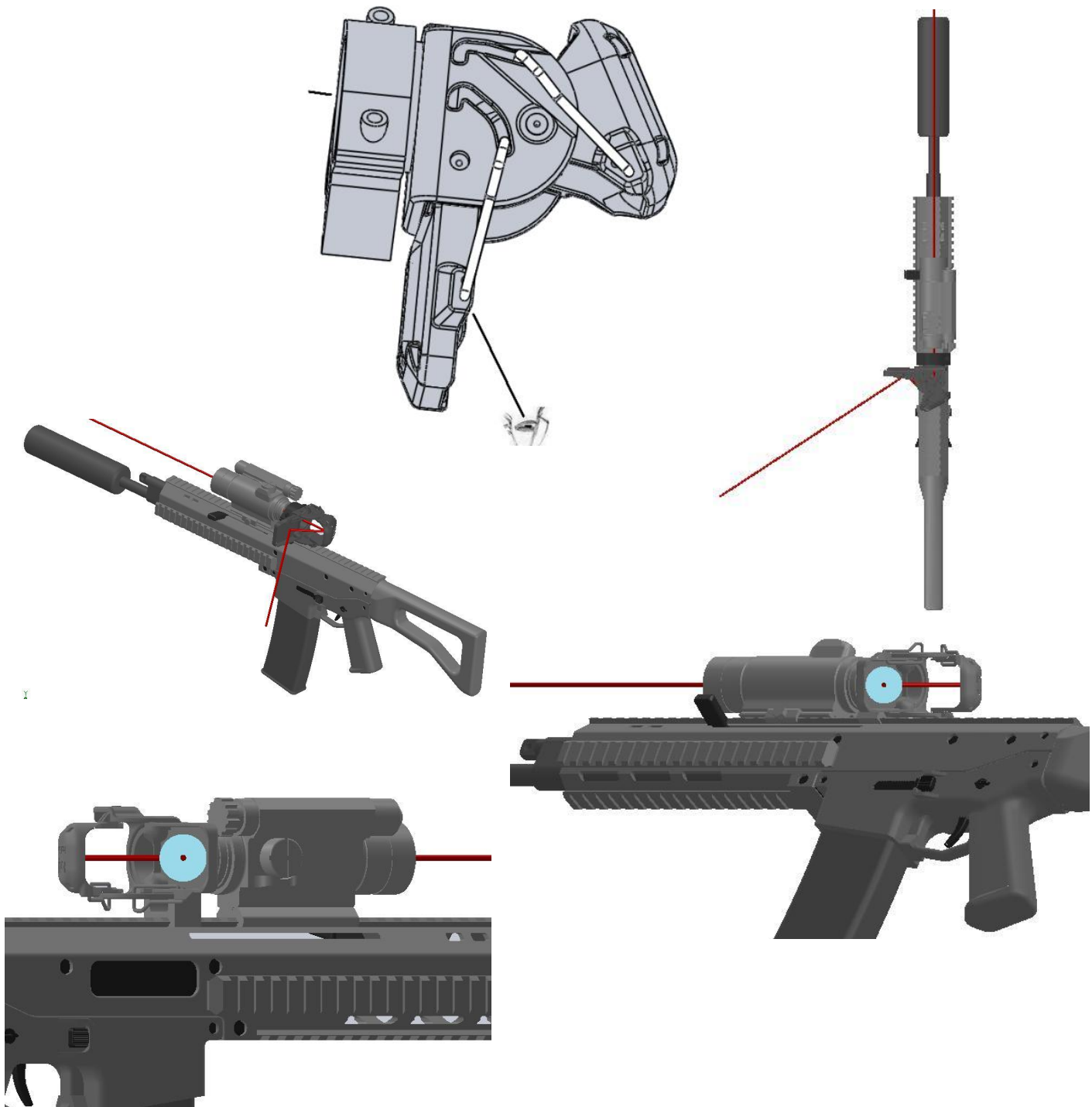
**Mode 1: Normal position**, where the sights frames with the optical panels are pressed closed and the red dot, or holographic sight can be viewed normally through the Hidesight. In this position there are no lenses or glass surface between the user, and red dot/holographic sight.

## Side view mode

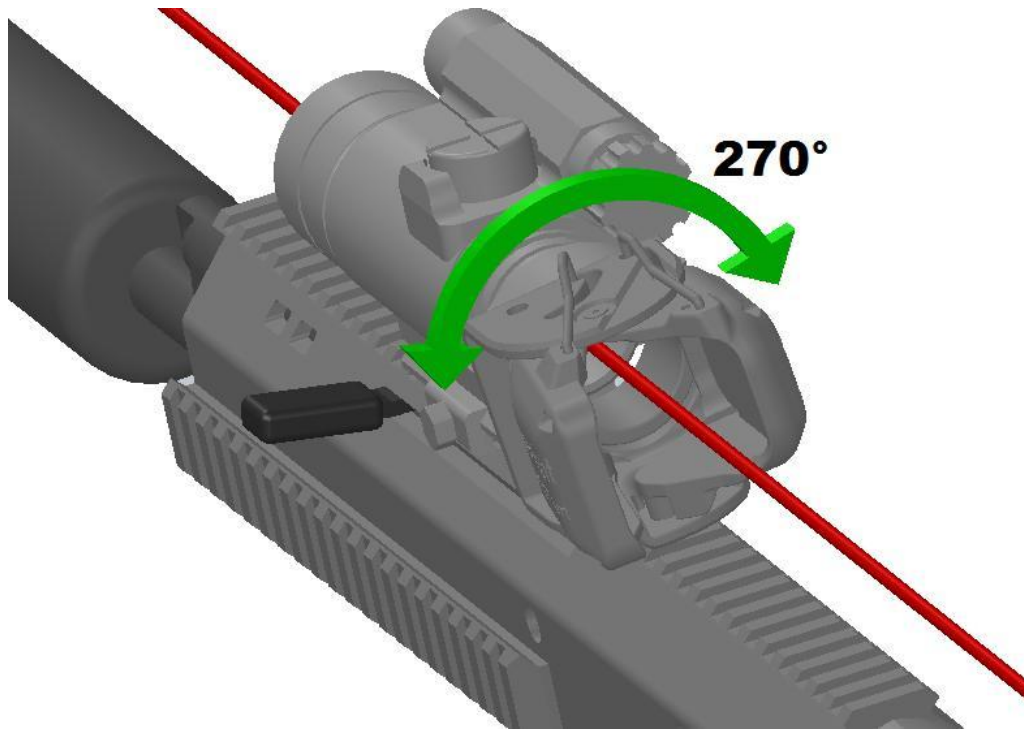


**Mode 2:** in **Side view mode**, the first frame is opened, and second frame is kept closed. This enables **better cover** while sighting from house corners, window or door side frames. Viewing angle is more than  $90^\circ$  compared to normal sighting line.

## Entrenchment mode



**Mode 3: Entrenchment mode**, which is designed to project an true and easy use image, while sighting over obstacles. It can also be used in all other sighting scenarios. This mode provides the **best**, and most intuitive shooting view from cover. Viewing angle is more than 50° compared to normal sighting line.



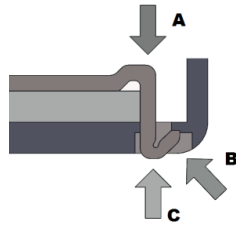
The sight can be rotated 270°, enabling optimal viewing angle. The rotation is performed simply by grabbing the main housing and rotating it with enough force to overcome the friction of the collar spring between the 30mm diameter picatinny mount and main frame. The sight is fully exchangeable between similar ring diameter mounts. The force needed to rotate the sight can be changed slightly by altering the pre-compression of the collar spring that lies between the main frame and picatinny mount. ( For proper use the compression should be fairly strong ) The picatinny mounting ring that comes with the sight, gives it an optical axis 30mm above the picatinny rail.

Depending on the picatinny ring mount used on the device, the Hidesight can also be easily removed from the weapon, and can be shared with other users who have the same mounting rail, and sighting apparatus view height. Hidesight does not affect your sights aiming point, or optics.

The reflective surfaces have been designed suitably large to allow easy scanning the viewing area by head movement, reducing the needed weapon movement while scanning the environment.

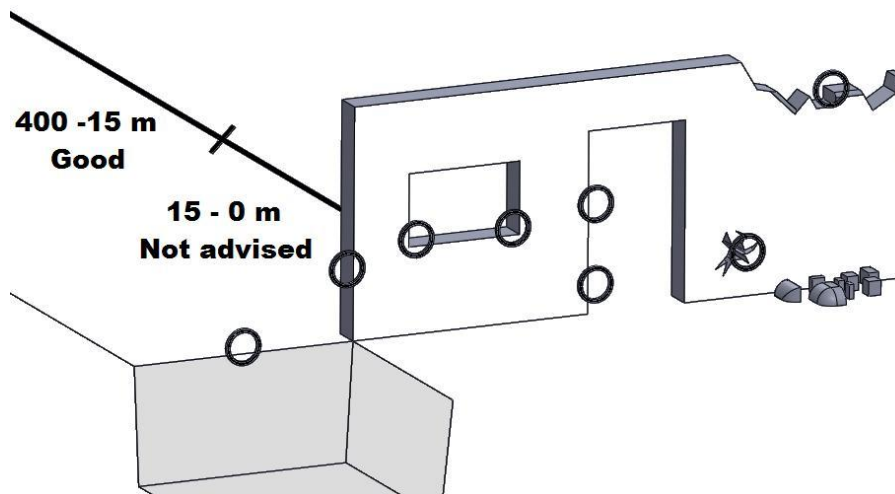
The reflective surfaces have been designed to be easily cleanable in field environment, and also easily replaceable without specific tools in case of breakage or wear from usage. Lenses should be cleaned with water and mild soap solution, avoid excessive scrubbing. Dry with a clean cloth.





The lenses are removed by first removing the polymer locking bars that hold the lenses on the frames. There is no need to remove both locking bars, if the replacement lens has the same thickness. To open the locking bars first push locking bar from lens side downward (A). Then push locking bar teeth so that it compresses (B). Still pressing on (B) simultaneously release the pressure on (A) and push latch open by pressing on (C). Continue same procedure on other end of locking bar. Pry carefully lens off from frame. Clean frame bottom, replace lens and install new locking bars.

### Example of use:



The viewing area through the aiming device depends on the red dot /holographic sight used, but in both cases is relatively small. Due to the small viewing area the sight should not be used inside buildings. Fighting in close quarters is fast and hectic, and therefore point-shooting, hip shooting and shooting through walls/doors should be used inside buildings. (Preferably automatic fire)

Trench mode is most suitable for trenches, window bottom frame and shooting over obstacles, and walls higher than the user. It gives the best way of viewing the environment. Trench mode also works in corners, but side view mode allows the user position himself closer to the covering obstacle, thus giving more cover in situations where all enemies might not be directly perpendicular to the covering wall/corner.

Rest the weapon on the covering surface, bipod, etc. take calm relaxed aimed shots, saving your ammunition. You are protected from fire, provided you have chosen an obstacle capable stopping enemy projectiles. You can try to steady the rifle during the shot, or simply letting the rifle cycle after the trigger pull, and searching the target again after the recoil.



## Specification:

### Hidesight:

Magnification:	1x, (no magnification)
Eye relief:	Unlimited
Housing material:	High strength polymer, aluminium alloy and stainless steel
Surface finish:	Black Polymer, anodized black.
Dimensions:	Height: 56mm, width: 55mm Length: 85mm
Weight:	105 g (depends on attachment mount.)
Temperature range:	-50 to +65 degrees Celsius

Pictures and videos can be found at [www.hidesight.com](http://www.hidesight.com)

**Hidesight**®

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