



## USER'S MANUAL

### **Congratulations on your new Omega III Sight!**

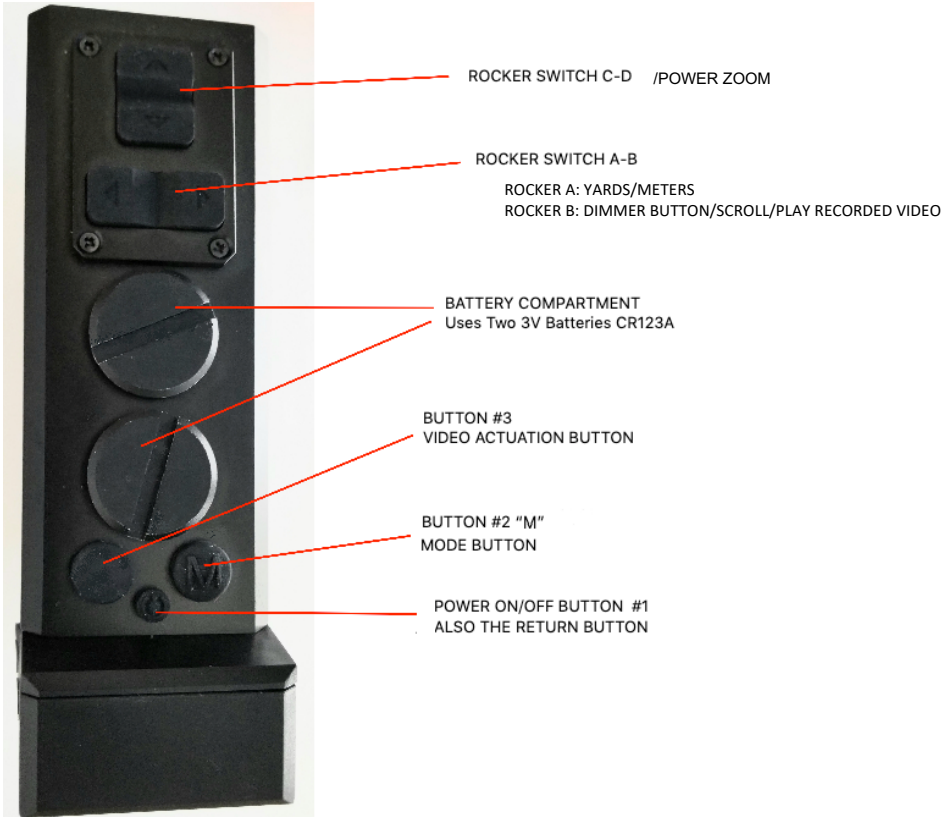
*The Omega promises to give you a better means of acquiring and ranging your target, providing you with pinpoint accuracy, and recording your shooting memory in Hi-Definition. Having the Omega in your arsenal will provide you the opportunity to achieve more humane shots, more confidence in your shooting ability, and less hand movement when firing your shooting device.*

*After sighting in with your Omega III Sight, a simple press of the power button and the power is on and you are ready to range, shoot, and record. Push the record button once to start recording, then a second time to stop recording. You'll record a lifetime of memories just as you see it on your LCD screen but without the reticles in the frame.*

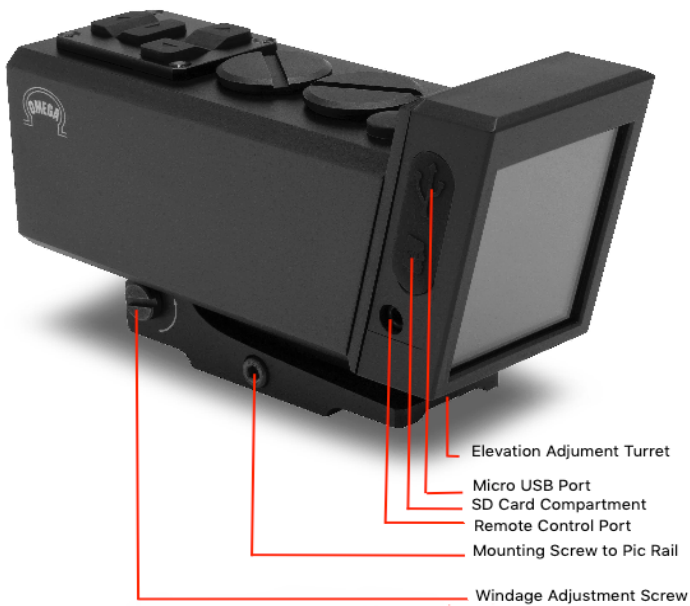


# Getting to know your new Omega III Sight

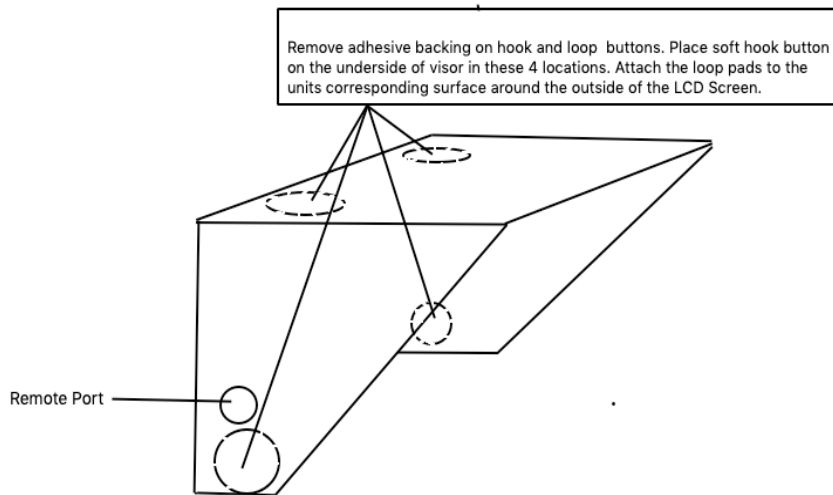
## TOP VIEW



## SIDE VIEW

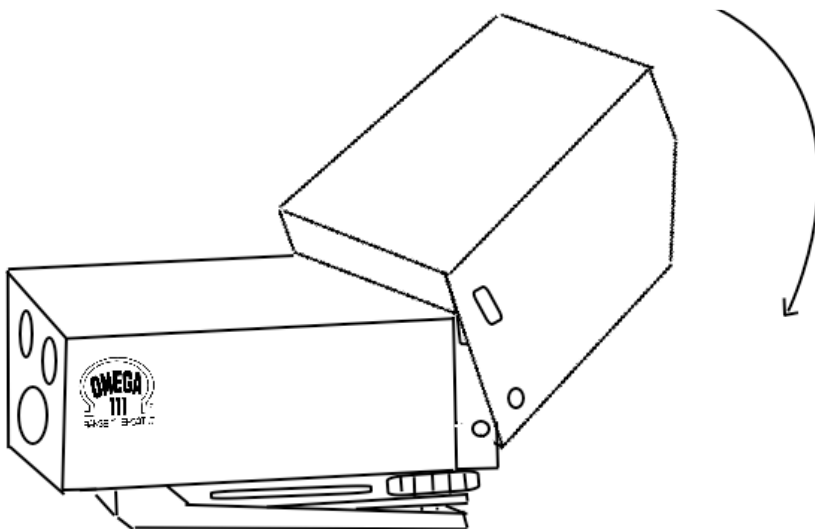


## Applying your Sun Shield (*included*)



ATTACHING SUN VISOR TO OMEGA SIGHT

## Applying your Collimating Lens Adapter (*Sold Separately*)



The Collimating Lens Adapter is an adapter for those visually challenged, meaning those that are both far and near sighted and struggle to view the screen and reticles. This adapter completely aids in those visual struggles, making shooting with the Omega Sight clear and precise. Simply place the adapter over the top of and behind the LCD housing as shown above. Then lower the front of the adapter until the bottom panel snaps firmly under the bottom of the LCD viewer. The port holes will line up for easy access.

# INSTRUCTIONS

## Mounting Your Sight to Your Shooting Device

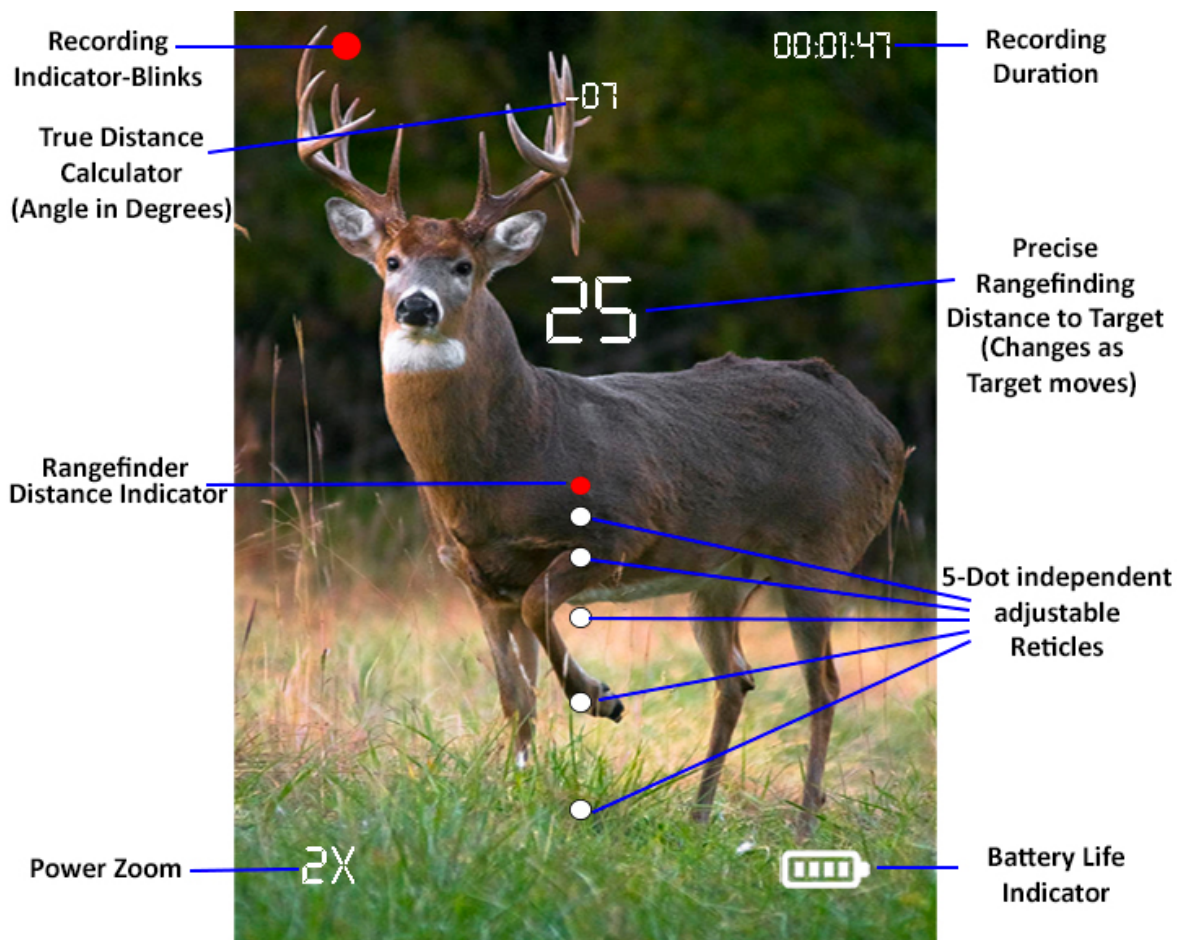
This Device will fit directly onto most any Picatinny or Weaver-type rail. Simply remove unit from package, place on rail, and secure by tightening only one bolt. For vertical bows, assemble the 3-piece bracket (sold separately) and attach to the rise in place of your bow sight. For other shooting devices, simply mount in the same manner used to mount any scope. Once secured, you may wish to adjust the turret wheel for elevation and adjust the windage screw located on each side near the rear of the mounting bracket for getting closer to your target before tuning in with your reticles.

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**To Power On-** Press #1 button once

**To Power Off-** Press #1 button down for 3 seconds

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## Sighting In with your Omega Sight

To Power on: Press Button #1 once.

For Compound bows, shoot your first arrow from a short distance.

Determine the distance to your target by placing red dot on that target. A starting point of 10-yards is recommended. Your sight will automatically range your target every time by simply placing the red dot on that target. Note: the red dot does not move, as that is the rangefinder

focal point and located in the center of viewfinder. The rangefinder goes to sleep after 90 seconds to save on battery life. A short push on Power Button will re-activate the rangefinder.

### **Understanding the Reticle Adjustment.**

The adjustable reticles make it simple to sight in on your target at any distance.

Once unit is powered on and the rangefinder is actuated, press the power button one short push to deactivate the rangefinder. Three dashes will appear on the LCD screen. Note: the red dot does not move, as that is the rangefinder focal point and located in the center of viewfinder. Next, press the "M" (Mode) button twice. An "RM" should appear on your LCD screen. That indicates "Reticle Mode". You will see the top white tick mark (reticle) blinking. This indicates that tick mark can be moved laterally or vertically simply by using the rocker switches A-B and C-D, respectively. By pressing the "M" button again you have locked that reticle in place and moved on to the next tick mark (reticle) below the first. You can repeat this step for each reticle as you determine the distances you wish for each reticle. On crossbow, it may be that the top reticle is your 20-yard tick mark, the next may be your 40-yard, then 60-yard, then, 80-yard, and finally your 100-yard tick mark. With a rifle, it may be 50-yard, 100-yard, 150-yard, 200-yard, 300-yard. This feature allows you to determine what specific yardage for each reticle you wish to create. Each tick mark may represent any sequential yardage you desire.

### **Sighting In Your Omega III Sight**

Once you understand how to move each tick mark to your desired distance, place the first top white reticle tick mark on your target, remember you red dot does not move, it's the rangefinder focal point. Take your shot. Based on where you hit on your target you may wish to adjust your sight and get your shot closer to the bullseye by following these steps before fine tuning with the Reticle Adjustment:

Use the *Turret Wheel for Elevation adjustment* by turning it to the left to lower your elevation using a small hex key to turn the turret, and turn to the right, to raise the elevation. Use the side Windage Adjustment screw on the lower front sides of the unit to adjust your windage (Left and Right). Simply follow the arrow directions of the windage screw.

Once you have been able to get very close to the bullseye, use your rocker switches A-B, and C-D to move your tick mark to where you struck the target. Take another shot to confirm you are on target.

Once sighted in at 10 yards, step back to your next preferred distance. If using a bow or crossbow, remove your arrow or bolt from the target first, to prevent damaging it with your next shot. Using the next tick mark below your first 10-yard established reticle, place it on your first target and shoot. You should be relatively close to your bullseye, noting that your target should be directly in a vertical line with your first shot. Simply move your 2<sup>nd</sup> tick mark to where you struck your target. Take another shot, you should hit the bullseye. Repeat this process for each preferred range you wish to use, proceeding down the vertical scale as you increase your distance. Be sure to mentally note the numbers on your reticles that correspond with your determined yardage.

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### **To Video Record**

To start and stop recording, press the #3 button once to start, a second time to stop recording.

To view your video, press the Power Button just once to turn off the rangefinder, then press the Mode button just once and your last video recording will appear on the LCD screen. Press A-B rocker switch to start and stop play. Use C-D rocker switch to select previous videos.

## Power Zoom

Omega Sights have zoom in and out capability ranging from 2X to 6X. To use the Zoom feature, once you've powered on your Omega Sight, press the C-D rocker switch to Zoom-in and Zoom-out by pressing the rocker once for each power.

Note: Be sure to sight in using the 2X or 3X setting, as the zoom feature is merely for magnifying the target, not for actual aiming. If you prefer to use your Zoom feature while shooting, test your weapon at various zoom powers, as you will find you may still be very close to the bullseye but may need to make micro adjustments to be on target.

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## Sun Shield

The Omega Sight comes with an LCD Sun Shield that will reduce glare on the screen in extremely bright sunlight conditions. It fits over the outside of your LCD Screen frame attached by a Velcro-type buttons (provided).

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## True Distance Calculator (TDC)

The Omega Sight boasts True Distance Calculator built-in to the precision rangefinder to provide accurate distances to the target considering the angle to the target and for perfectly aligning your shot placement. Upon actuation, the "TDC" angle will be displayed above the Rangefinder Indicator digits on the LCD screen. This function will take the guess work out of determining the actual precise distance to your target, providing you with better accuracy and more consistent shot placement.

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## Using your Remote Control



Your Omega sight comes with a remote-control tether ("rat tail"), accompanied by a small strip of Velcro adhesive for securing the remote in a convenient location. Simply plug the male end into the port located on the left side of the LCD Screen. There are two buttons on the remote. "R" button works the same as the "Power On/Off Button," and also reactivates the rangefinder from sleep mode. The "V" button starts and stops the video recording.

The USB plug can be used to download your video to your pc or other electronic storage device. The Micro USB end plugs into the rubber covered port just above the remote-control port.

The Omega sight comes with two standard 3-volt non-rechargeable batteries type CR123A.

## **Downloading and Erasing your SD Card**

To download video files from your micro-SD card, Open SD compartment, press the SD card down and it will spring out, releasing it. Remove and place in your card reader.

Or, use the provided USB cable inserting the micro USB into its respective port on the side of your Omega sight. Plug the larger end into your computer or electronic storage device; proceed with download according to your devices processes. To erase your micro-SD card, simply highlight each video file and press “delete.”

Note: Computers are formatted in various ways to view videos. Should your computer view the video at 90 degrees, simply download the free app, “Quicktime” to rotate your video for viewing.

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## **Your Power Source**

Your Omega Sight comes with standard 3V batteries, CR123A and a Power Bank. We suggest having a supplemental rechargeable 5000maH Lithium-Ion Power Supply as a backup power source, should you deplete your power in the field. The external rechargeable power pack will provide several additional hours of power to your device. This accessory Power Bank (included) simply mounts with any type of Velcro-type strips to the side of the Omega III Sight. It’s built-in cable conveniently plugs into the micro-USB port providing one with plenty of power supply for any hunt.

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## **Caring for your Omega Sight**

Always keep your stored Omega Sight clean, dust-free, and dry when not in use. Store in a dry space in temperatures 40°-80°F. Clean your lens soft cheesecloth; do not use paper towels on any lenses or LCD screen. A rain/dust cover is available and recommended for protecting your Omega III Sight (sold separately).

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## **Warranty**

Your Omega Sight comes with a One-Year Limited full-replacement warranty against any defects in workmanship, its operation, and/or defective components. Misuse, abuse, and accidental damage are not covered under this warranty. See warranty card separately in this package. Register your Omega Sights by completing and mailing in the included Registration card or register your unit online at [www.OmegaSights.com](http://www.OmegaSights.com).

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## **Safety**

Always check your targets background before discharging any shooting device. Objects may not always appear on you LCD screen that are in the background of your target. Please confirm your target with your naked eye before discharging your shooting device. Not heeding this recommendation could result in accidental serious injury or death.

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## OMEGA BUTTON OPERATION

**#1- POWER BUTTON** - Short push  
 a) power on-- b) Range finder on  
 c) Video ready-- d) Zoom on

### #3- ACTIVATE BUTTON

Short push----- a) Video on  
 Short push-----b) video off  
 #1- Short push Power button will activate Mode button

a) Short push Mode Button will Activate reticle movement-Use Rocker button "C-D" up/down. "A-B" Left/Right.

b) 2<sup>nd</sup> short push Mode button will activate Video replay. -Use Rocker button "C-D"- Select-- and Rocker Button "A" for replay.

c) 3<sup>rd</sup> short push Mode button will activate reticle zoom. Use Rocker Button "C-D" for Zoom In-Zoom Out.

**Note** Ranging defaults to sleep mode after 90 seconds

**Note** Short push on Power Button #1 or R button on Rat Tail resets ranging

### REMOTE BUTTONS (Rat Tail):

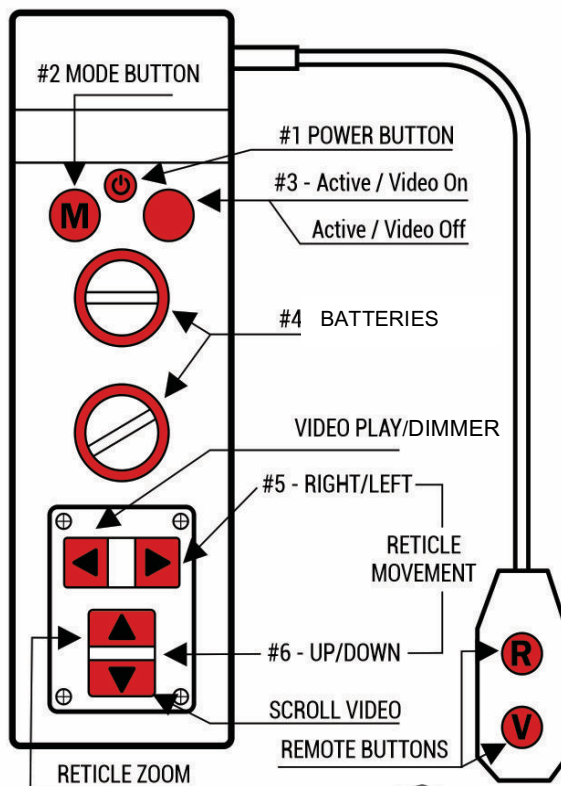
R" button same as power button--

a) Short push turns unit on.  
 b) Long push shuts unit off.

"V" button- a) short push starts video  
 b) short push shuts video off.

**Note:** At any time, a short push on power button #1 or "R" button on Remote will reset unit.

**USE SMALL PIECE OF VELCRO TO ATTACH RAT TAIL TO YOUR DEVICE (BOW-GUN)**



After setting Reticle in desired location. Make first Zero adjustments with #3 Turret (Elevation) and #1 Screw (Windage)



US Patent 9,328,997 B2  
 US Patent 10,247,516 B1



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