

**RAVAD**  
TACTICAL

 ***Optimax***  
**SOLAR RED DOT**  
**SERIES**

# PLEASE READ THE ENTIRE MANUAL

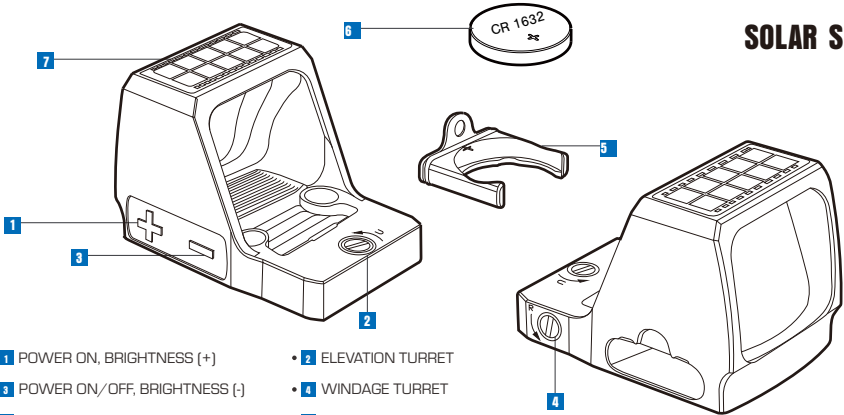
FAILURE TO FOLLOW THESE INSTRUCTIONS AND PROCEDURES MAY RESULT IN INJURY OR DEATH.

Always follow firearm safety rules as outlined by the firearms manufacturer. Keep this and all firearm related products locked and secured from children or other unauthorized users.

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## SOLAR SERIES



- 1 POWER ON, BRIGHTNESS (+)
- 2 ELEVATION TURRET
- 3 POWER ON/OFF, BRIGHTNESS (-)
- 4 WINDAGE TURRET
- 5 BATTERY COVER
- 6 CR1632 BATTERY
- 7 SOLAR PANEL

## PRODUCT PARAMETERS

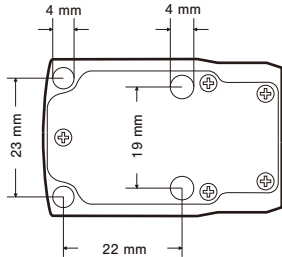
|                           |                        |                         |
|---------------------------|------------------------|-------------------------|
| Magnification             | Reflector Lenses       | Aiming Point Size       |
| 0.95~1.05 Times           | Red Film Lenses        | 3moa±0.5moa             |
| Parallax In Any Direction | Objective Lens         | Parallax Correction     |
| ≤2.0moa                   | Through Light Aperture | 33yds                   |
| Light Source              | Impact                 | Waterproof              |
| Red Light                 | 1500g,500circle        | 1m,30min                |
| Storage Temperature       | Operating Temperature  | Adjustment Range        |
| -20~+50,2h                | -20~+50,2h             | ≤45moa In Any Direction |
| Electronic Adjustment     | Shake Awake            | Battery                 |
| 0-10 Gear                 | Yes                    | Cr1632                  |

## FEATURES AND SPECIFICATIONS

- **Brightness** : The SOLAR SERIES is user adjustable for 2 night vision and 8 daylight levels of brightness.  
Pressing the **+** button will increase the brightness a single step until the maximum level has been achieved.  
Pressing the **-** button will decrease reticle brightness until the minimum level has been reached.
- **Auto Off** : The SOLAR SERIES is equipped with intelligent power management to prolong battery life when not in use.  
After a period of 3 min of inactivity, the sight will automatically enter sleep mode. Pressing either **+ -** button will wake up the sight to the previously used brightness level.
- **Aiming Dot**: The SOLAR SERIES possesses a 3.0 MOA round dot for precise aiming. This reticle is approximately 1.7" in diameter at 50 yards.  
Depending on brightness and ambient conditions the size may appear to change.
- **Battery**: The SOLAR SERIES is powered by a single **CR1632** battery. This battery will provide most users with years of maintenance free service. Depending on reticle intensity, ambient conditions and use, battery life may vary.
- **Solar Power**: Press and hold the **+** button for 3 seconds to switch "Solar-powered mode" and "Battery-powered mode", the dot will flicker three times during the switching process.(Only SOLAR X1)

# PRODUCT INSTALLATION AND MOUNTING

The SOLAR SERIES is intended for use on handgun slides that possess provisions for miniature optics. The SOLAR SERIES is compatible with most accessories and interfaces based on the R.M.R pattern. This interface is common among many manufacturers. It is recommended that an experienced gunsmith verify this product's fit prior to making any permanent modification to your firearm. Use the following guide to insure the best fit.



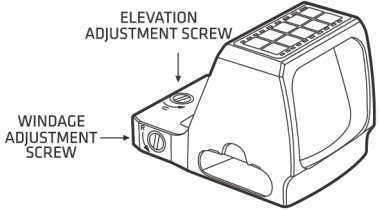
**WARNING: CONFIRM THAT YOUR SIGHT IS SECURELY AND PROPERLY INSTALLED. AN IMPROPERLY INSTALLED SIGHT COULD BECOME DETACHED DURING RECOIL CAUSING INJURY**

# WINDAGE AND ELEVATION ADJUSTMENTS

The SOLAR SERIES is fully adjustable for both windage and elevation. The adjustment screws are located on the top and right side of the sight body.

Make the necessary adjustments per the table below. Typically one turn is sufficient.

| ELEVATION ADJUSTMENT |                      |  | WINDAGE ADJUSTMENT |                      |  |
|----------------------|----------------------|--|--------------------|----------------------|--|
| UP*                  | COUNTER<br>CLOCKWISE |  | LEFT*              | CLOCKWISE            |  |
| DOWN*                | CLOCKWISE            |  | RIGHT*             | COUNTER<br>CLOCKWISE |  |
| *POINT OF IMPACT     |                      |  | *POINT OF IMPACT   |                      |  |



- **NOTE :** Adjustments to both the windage and elevation knobs, reference your Point of Impact (POI). Should your impacts be below your point of aim, dial UP to reach zero.

## WARRANTY

Please follow the warranty activation instructions mentioned on the warranty card and read the terms and conditions.

For more details, visit [www.raadtac.shop](http://www.raadtac.shop) or contact **support@raadtac.shop** | +92-332-3614342.

## BATTERY WARNINGS



WARNING: KEEP BATTERIES AWAY FROM CHILDREN. THERE IS A CHEMICAL BURN HAZARD ASSOCIATED WITH BATTERIES.



WARNING: IF YOU THINK BATTERIES MIGHT HAVE BEEN SWALLOWED OR PLACED INSIDE ANY PART OF THE BODY, SEEK IMMEDIATE MEDICAL ATTENTION.

- When used correctly, batteries provide a safe and dependable source of portable power. However, misuse or abuse may result in leakage, fire, or explosion.
- Batteries can explode or leak and cause burns if installed backwards, disassembled, charged, or exposed to water, fire or high temperature.
- Always take care to install your batteries correctly observing the "+" and "-" marks on the battery and the device.
- Always replace the whole set of batteries at one time, taking care not to mix old and new batteries, or batteries of different types.
- Store unused batteries in their original packaging and away from metal objects that may short-circuit them.
- Remove discharged batteries from equipment promptly to avoid possible damage from leakage.
- Never dispose of batteries in fire. (Failure to observe this precaution may result in an explosion.)
- The batteries should be disposed of properly, including keeping them away from children.
- Dispose of used batteries immediately. Even used batteries can cause injury.