

SIGHT  MARK[®]

STRIKON

STRIKON FMP 1X18 PRISMATIC SIGHT



1x18 RTR-1 (Rapid Targeting Reticle)
SM23002

USER MANUAL

ABOUT SIGHTMARK®

Founded to meet the changing needs of the outdoor industry and its customers, Sightmark® was introduced at SHOT Show 2007 in response to the growing popularity of the modern shooting market. The goal was to provide state-of-the-art optics and accessories to make the modern sporting rifle, shotgun and pistol as accurate as possible. In addition, each product is designed for the core market, enabling shooters to purchase more high quality items to accessorize their firearm for hunting, home defense and competition shooting.

In 2011, the new 33,000 square-foot (3066m²) headquarters was completed in Mansfield, Texas, combining the company's corporate offices and a large warehouse to handle the increase in sensitive material and technology being produced. The new facility provides more space for research and development, production, and distribution of defense-related products.

Best-selling products include red dot sights, riflescopes and chamber laser boresights. More than one million Sightmark® boresights are in use since first released to the market. Sightmark® has earned several patents and awards from industry associations and publications including Field & Stream, Optics Planet, Outdoor Life and Predator Xtreme. Numerous optics and accessories have been field tested and approved by prominent outdoor organizations such as the North American Hunting Club and the National Tactical Officers Association.

Currently, Sightmark® represents leading markets growing in more than 55 countries and many quality retailers in every state. Products are sold by top retailers and national specialty chains such as: Academy Sports & Outdoors, Bass Pro Shops, Cabela's, Frankonia and many more.



www.sightmark.com

SIGHTMARK STRIKON FIXED MAGNIFICATION PRISM (FMP) SERIES

The Sightmark Strikon FMP 1x18 is a compact, high-performance prismatic sight built for fast-paced shooting scenarios where clarity, speed, and ruggedness matter. Unlike reflex or holographic sights, the FMP uses an etched reticle and internal glass prism, delivering a crisp, parallax-free image with zero dependence on a powered emitter. Even with the battery dead, the reticle remains visible—making it a smarter, more durable alternative to standard red dots.

The FMP utilizes the RTR-1 (Rapid Targeting Reticle), designed to provide fast sight alignment and accurate shot placement. The reticle is illuminated red or green with 12 brightness levels with 3 for night vision use, and is powered by a single CR2032 battery. Runtime ranges from 100 hours on high to 10,000 hours on low, with a Shake Awake function that activates after 10 minutes of movement detection. This optic is also equipped with automatic brightness adjustment capability, optimizing illumination based on ambient light conditions.

The optic is IP67 waterproof, shock tested to MIL-STD-810H, nitrogen-filled, and built from durable 6061 aluminum. Fully multi-coated lenses ensure efficient light transmission and sharp image resolution.

FEATURES:

- True 1x Prismatic Sight with Etched RTR-1 Reticle
- Daylight-Bright Red Illumination (9 Day / 3 NV Levels)
- Shake Awake with 10-Minute Activation
- Automatic Brightness Adjustment Capable
- Aimpoint® Micro Footprint Mount with Included 0.39" Riser
- Flush Turrets for Snag-Free Operation
- IP67 Waterproof, Fogproof, and Nitrogen-Filled
- Shock Tested to 1000G (Mil-STD-810H Drop Test)
- Fully Multi-Coated Glass with 85% Light Transmission
- Battery Life up to 10,000 Hours (CR2032)
- 3.85" Eye Relief / 16.4° Angular FOV / -1 Diopter Adjustment
- Lightweight and Compact (6.87oz / 195g with mount)

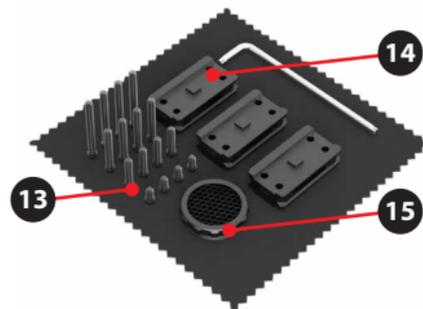
INCLUDES:

- 0.39" riser plates (3 pcs)
- Honeycomb Filter
- Rubber Lens Cover
- CR2032 Battery
- T15 Torx Key
- Turret Adjustment Tool
- Lens Cloth
- Set of 4 Screws (1.15" mounting height)
- Set of 4 Screws (1.54" mounting height)
- Set of 4 Screws (1.93" mounting height)
- Set of 4 Screws (2.32" mounting height)

TECHNICAL SPECIFICATIONS		SM23002
Reticle name	RTR-1 (Rapid Targeting Reticle)	
Reticle	Etched	
Reticle color	Red/Green	
Illuminated reticle (yes/no)	Yes	
Illumination type	LED	
Reticle brightness settings	12 (9 day/3 NV)	
Magnification (x)	1	
Objective lens diameter (mm)	18	
Eye relief (in/mm)	3.85 / 97.9	
Field of view (angular)	16.4°	
Field of view (ft @100yd / m @100m)	86.5 / 28.8	
Eyepiece diameter (in/mm)	1.09 / 27.7	
Diopter adjustment (+/-)	+2 / -2	
Mounting footprint	Aimpoint® Micro	
Parallax setting (yds/m)	50 / 45.7	
Windage adjustment range	120 MOA	
Elevation adjustment range	120 MOA	
Adjustment (one click =)	1 MOA	
Maximum caliber	1000G	
Battery type	CR2032	
Battery life	High (Level 11): 100 hrs - Low (Level 3): 10,000 hrs	
Shake awake (yes/no)	Yes	
Shake awake timing (minutes)	10	
IP Standard (water rating)	IP67 - Water & Dustproof	
Lens coatings	Fully Multi-coated	
Operating temperature	-22° to 140° F / -30° to 60° C	
Dimensions (in/mm) (height with 1.54" mount)	2.42 x 1.73 x 2.80 / 61.4 x 44.0 x 71.3	
Weight with 1.54" mount (oz/g)	6.87 / 194.8	

DIAGRAM

- Objective Lens
- Eyepiece (Diopter Adjustment)
- Photosensor
- Elevation Adjustment
- Windage Adjustment
- + Button
- Button
- Battery Tray
- Battery Tray Screws
- Rubber Lens Cover
- Fixed Mount
- Mount Crossbolts
- Mounting Screws (4 sets)
- 0.39" Risers (3 pcs)
- Honeycomb Filter
- Turret Adjustment Tool



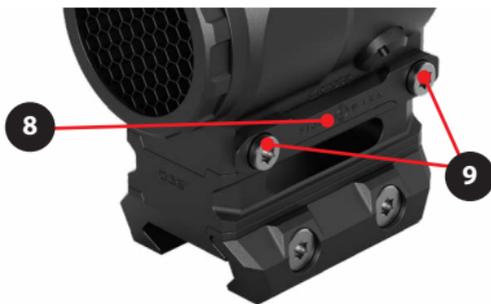
INSTALLING THE BATTERY

The Sightmark Strikon FMP is powered by a CR2032 battery. Should the reticle illumination grow dim or not illuminate, the battery needs to be replaced.

TO INSTALL A NEW BATTERY:

1. Unscrew the battery tray screws (9) using a T15 Torx wrench. The screws will remain captured in the battery tray.
2. Remove the battery tray (8) by sliding it out and remove the dead battery if present.
3. Insert the new battery according to the markings on the battery compartment
4. Slide the battery tray back into the compartment in the same orientation it was removed.
5. Tighten the battery tray screws until firmly secure.

Tighten to at least 4.5 in-lbs. Do not over tighten.



ILLUMINATION CONTROL

The Sightmark Strikon FMP features an etched glass reticle that works even without illumination, appearing black by default. When turned on, the reticle can light up in red or green, bright enough for daylight use.

TO CONTROL THE RETICLE ILLUMINATION:

1. Press and release the + button (6) or – button (7) to turn the illumination ON.
2. Press and release the + button to increase the illumination. The highest setting is intended for very bright, outdoor environments.

3. Press and release the – button to decrease the illumination. The lowest two settings are intended for use with NV equipment.
4. Press and hold the + button or – button for 2 seconds to turn the illumination OFF.*

The Strikon FMP's photosensor can automatically adjust the reticle brightness based on current daylight conditions.

TO TURN AUTOMATIC BRIGHTNESS CONTROL ON:

1. Press and hold the + and – buttons for 3 seconds. The reticle will flash to signify when this turns ON.
2. Automatic Brightness Control can be turned OFF by pressing either the + or – button. Doing so will override the automatic setting and turn the unit back to manual adjustment.

The Strikon FMP can switch between red and green reticle illumination for various environments and shooter preferences.

TO CHANGE THE COLOR OF THE RETICLE:

1. Quickly press and release the + and - buttons together to change the reticle color from red to green; repeat step to switch reticle color back to red.

*Note: The Strikon FMP has a shake-awake feature that automatically turns off the reticle illumination after 10 minutes of no movement. As soon as the unit is moved again, the illumination turns back on at the same brightness setting you had before.



DIOPTER ADJUSTMENT

The Sightmark Strikon FMP eyepiece (2) rotates to adjust the diopter, which compensates for differences in the user's vision. If the reticle appears blurry or unclear, rotate the eyepiece until it becomes sharp and in focus. This setting should not need further adjustment unless a different user operates the riflescope.

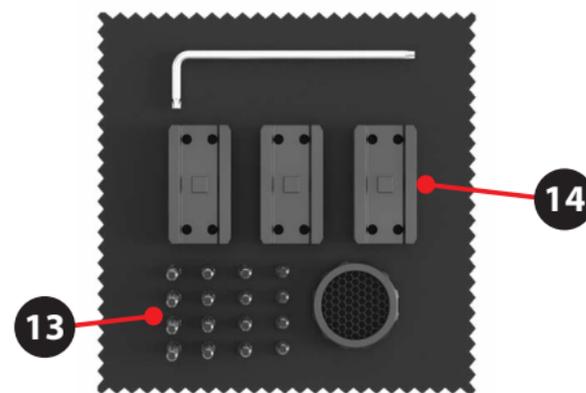


MOUNTING

The Sightmark Strikon FMP uses a standard Aimpoint® Micro footprint and comes preinstalled with a fixed mount (11) and one 0.39" riser (14) to put the optic at 1.54" centerline height.

TO ACHIEVE MAXIMUM EYE RELIEF WHILE MOUNTING:

1. Set the optic as far forward on the receiver's picatinny rail then slowly move the optic closer to your eye. Stop moving the optic once a full field of view is visible.
2. Ensure the recoil lugs on the bottom of the mount are fully set into the picatinny rail.
3. Tighten the mount crossbolts (13) to at least 35 in-lbs (3.95 N-m).



The Strikon FMP also offers the option to mount at different centerline heights according to the user's preference by using the included 0.39" risers.

TO CHANGE THE OPTIC'S CENTERLINE HEIGHT:

1. Remove the optic from the firearm if mounted.
2. Turn the Strikon FMP upside down to access the mounting screws (13).
3. Using a T15 Torx wrench, loosen and remove all 4 screws.
4. Remove the mount and riser from the optic.
5. Place the desired number of risers on the optic ensuring the recoil lugs are fully seated in each mount/riser.
6. Place the mount on top of the risers.
7. Select the appropriate mounting screw set and insert the screws into the mount.
8. Install and tighten the screws to 15 in-lbs (1.695 N-m).



0 risers =
1.15" centerline
height (Set 0)

1 riser =
1.54" centerline
height (Set 1)

2 risers =
1.93" centerline
height (Set 2)

3 risers =
2.32" centerline
height (Set 3)

CENTERLINE HEIGHTS ACCORDING TO THE USER'S PREFERENCE:



0 risers =
1.15" centerline
height (Set 0)



1 riser =
1.54" centerline
height (Set 1)



2 risers =
1.93" centerline
height (Set 2)



3 risers =
2.32" centerline
height (Set 3)

OPERATING THE WINDAGE AND ELEVATION ADJUSTMENTS

The Sightmark Strikon FMP features low-profile, exposed elevation and windage turrets (4, 5) with audible click adjustments. There is no need to remove any turret caps. Adjustments can be made quickly using a flathead tool or the rim of a cartridge.

TO MAKE WINDAGE AND ELEVATION ADJUSTMENTS TO EXPOSED TURRETS:

1. Turn the adjustments in the appropriate direction needed to change the bullet's point-of-impact as indicated by the "UP" and "R" (right) arrows marked on the adjustments.



BORESIGHTING AND SIGHTING IN

Boresighting and test firing should be performed safely on a firing range. Laser boresights are a quick and accurate method for sighting in. The traditional method of boresighting is listed below.

1. When mounting the riflescope on a bolt action rifle, remove the bolt; or when mounting to a semi-automatic rifle, disassemble the rifle until there is a straight line of sight through the bore.
2. Use a target at least twenty yards to fifty yards away when sighting in the Strikon FMP 1x18 sight. Look through the bore of the weapon and locate the bull's-eye of the target.
3. With a clear line of sight through the bore to the target, adjust the windage and elevation on your riflescope (see "Operating Windage and Elevation Adjustments" for instructions) until the reticle is centered on the bull's-eye.
4. Reassemble your rifle and shoot a test group to verify accuracy. Do not adjust your aim to correct individual shots.

TIP: To verify the riflescope is accurately sighted in, always fire a three-to-five-shot test group preferably using the same ammo manufacturer, grain, and lot number. 100 yards/meters is the most common zeroing distance. For long range shooting, a 200 yard/meters zero is generally preferred. Before firing, make sure the image is properly focused and no parallax is present.

5. Using the center point of your group as a base point of aim, make adjustments to the elevation and windage to move your firearm's grouping to the center of the target.
6. Fire another three-to-five-shot test group to confirm your accuracy and make adjustments as necessary, repeating step 5.

USING THE RTR-1 RETICLE

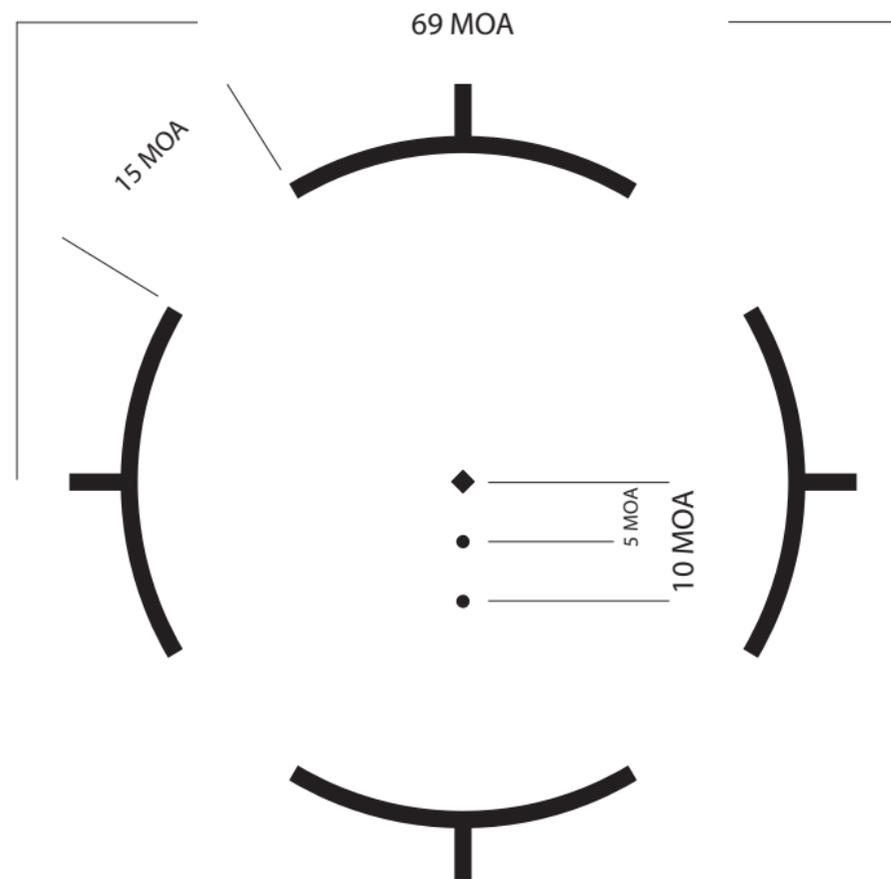
The Sightmark Strikon FMP 1x18 is built for close to medium-range shooting. To this end, it utilizes the RTR-1 (Rapid Targeting Reticle 1), a second-focal plane, MOA-based, glass-etched reticle. Based on the classic circle-dot layout, the RTR-1 is designed to support fast target acquisition, holdovers, and ranging—even with limited information about the target.

The center aiming point is a 2 MOA diamond. The top of the diamond allows for precise shot placement, especially when using a 3x magnifier. The full diamond can also be used for quick, center-mass targeting. Below it are two 1.15 MOA circle-shaped holdovers, positioned at 5 MOA and 10 MOA. These offer reference points for rough holdovers at different distances. For optimal use, apply a ballistic calculator matched to your firearm and ammunition.

A segmented 60 MOA outer circle surrounds the reticle, with 4.5 MOA subtensions. For size reference, a standard IPSC target is 30 inches tall:

- At 50 yards, the target fills the full 60 MOA circle.
- At 100 yards, it fills half the circle (30 MOA).
- At 200 yards, it reaches about the second holdover (15 MOA).
- At 300 yards, it aligns near the bottom of the second holdover (7.5 MOA).

This system allows for rough distance estimation and selecting the appropriate holdover for more accurate shot placement.



TROUBLESHOOTING

Proper authorization is required before shipping any product back to Sightmark. Failure to obtain authorization could result in your product being returned to the wrong address, lost, or damaged. Sightmark is not liable for products returned without authorization.

IF THE OPTIC DOES NOT HOLD ZERO:

1. Ensure the sight is mounted securely. If it moves in any direction, retighten the mount according to the mounting instructions. **Do not overtighten.** After adjustments, re-zero the optic.
2. Confirm that all mounting screws are fully tightened.
3. Use factory-loaded ammunition of the same bullet type, weight, and (preferably) the same lot number when zeroing.

THE RETICLE DOES NOT ILLUMINATE:

1. Press the + button multiple times to increase brightness. The current setting may be too dim to see.
2. Check that the battery is installed correctly and is still functional.
3. Inspect the battery contacts for any residue, film, or corrosion. Clean if necessary.
4. Replace the battery with a new one.

THE RETICLE IS BLURRY AND NOT IN FOCUS:

1. Rotate the eyepiece to adjust the diopter adjustment until the reticle becomes clear and sharp

THE RETICLE HAS A HALO OR IS FUZZY:

1. This is usually caused by excessive brightness. Lower the brightness level to suit your environment.
2. Clean the objective and eyepiece lenses to ensure there are no smudges or scratches.

THE RETICLE ILLUMINATION TURNS OFF WHILE FIRING:

1. Tighten the battery tray screws so the tray is fully seated.
2. Replace the battery with a new battery.

MAINTENANCE

Proper maintenance of the Sightmark Strikon FMP is recommended to ensure long-term performance. When the sight becomes dirty, wipe it down with a dry or slightly damp cloth. Use compressed air or gently blow away dust and debris from the lenses, then clean them with a lens cleaning cloth. To remove oils or dried water spots, apply a small amount of denatured alcohol to a lens cloth or cotton swab, clean the lens surface, and allow it to dry. As a final step, lightly fog the lens with your breath and wipe it clean again. No further maintenance is required, and users should not attempt to disassemble any part of the scope.

STORAGE

Make sure that your Sightmark optic is securely attached to your rifle before storing. Ensure reticle illumination is turned off. Cover with the included lens covers. Remove the batteries if the unit will be stored for an extended period.

WARNING

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

- Avoid hitting or dropping the unit
 - ALWAYS check that the chamber of your weapon is clear before mounting or dismounting the rifle scope.
 - The reticle illumination 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.

ADDITIONAL WARNING AND SAFETY INSTRUCTIONS

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death if swallowed or if battery fluid is ingested
- Call local poison control center for treatment information in case of exposure to leaking batteries
- Compatible battery type: CR2032
- Nominal battery voltage: 3V
- Non-rechargeable batteries are not to be recharged
- Do not force discharge, recharge, disassemble, heat above manufacture's specified temperature rating, or incinerate. Doing so may result in injury due to venting, leaking, or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly regarding polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep away from children.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Battery model: **CR2032** Battery voltage: **3V**



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SIGHTMARK WARRANTY

Please visit www.sightmark.com for warranty details and information.