SIGHT MARK®

STRIKON

STRIKON VMP 1-4X22 SFP FIBER RIFLESCOPE

1-4x22 CRF-4 MIL SFP

SM23001

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 (3066m^2) 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.

SIGHTMARK®

www.sightmark.com

STRIKON RIFLESCOPE SERIES

Built for rapid target acquisition and rugged performance, the Sightmark Strikon VMP 1-4x22 SFP Fiber Riflescope delivers reliable versatility for modern sporting rifles. As a prismatic riflescope, the Strikon VMP uses a glass prism to give users a more compact design and a brighter image, leading to faster target acquisition. In practical terms, this means edge-to-edge clarity, reduced distortion, and a lighter, shorter optic ideal for fast-paced shooting.

Designed around the popular Aimpoint® Micro footprint, the Strikon VMP easily pairs with offset or piggyback mounts for additional red dot use. Hand-adjustable, low-profile exposed turrets make windage and elevation changes quick and tool-free. Shake Awake technology activates the optic instantly after 10 minutes of motionlessness, preserving battery life without sacrificing responsiveness.

The rugged 6061 aluminum housing is IP67 waterproof, nitrogen-filled, and shockproof, making it well-suited for harsh environments. Fully multi-coated lenses ensure a bright, crisp image in any condition. Backed by a wide range of included accessories—multiple risers, mounting screw sets, throw levers, and a turret tool—the Strikon VMP 1-4x22 is ready for the field right out of the box.

FEATURES:

- 1-4x Magnification Fiber-Wire Reticle
- Aimpoint® Micro Footprint Mount
- 10 Min Shake Awake
- 9 Day Brightness Settings
- 2 NV Brightness Settings
- Low-Profile Exposed Turrets
- IP67 Waterproof & Shockproof

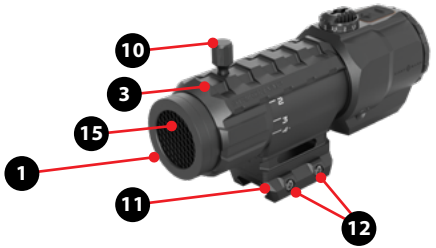
INCLUDES:

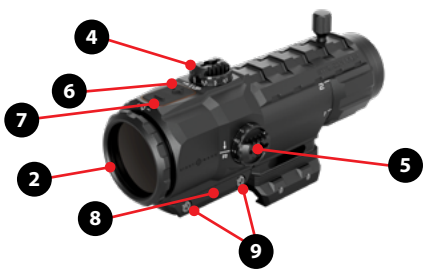
- 3x 0.39" riser plates
- Honeycomb Filter
- Rubber Lens Cover
- Large Throw Lever Attachment
- Small Throw Lever Attachment
- CR2032 battery
- T15 Torx Key
- Turret Adjustment Tool
- Set of 4 Screws (1.15" mounting height)
- Set of 4 Screws (1.54" mounting height)
- Set of 4 Screws (1.93" mounting height)
- Set of 4 Screws (2.32" mounting height)
- Lens Cloth

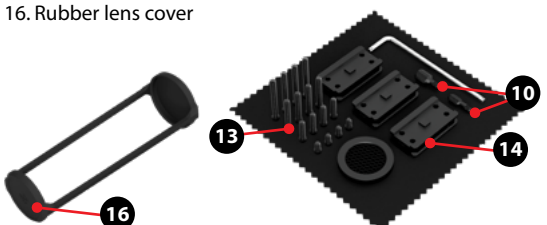
TECHNICAL SPECIFICATIONS	SM23001
Reticle name	CRF-4 MIL SFP
Reticle color	Red
Illuminated reticle (yes/no)	Yes
Illumination type	Fiber
Reticle brightness settings	11 (9 day/2 NV)
Magnification (x)	1-4
Objective lens diameter (mm)	22
Eye relief (in/mm)	3.94 - 3.54 / 100 - 90
Field of view (angular)	25° - 6.25°
Field of view (ft @100yd / m @100m)	133.02 - 33.63 / 40.70 - 10.9
Eyepiece diameter (in/mm)	1.73 / 44
Diopter adjustment (+/-)	+2 / -2
Mounting footprint	Aimpoint® Micro
Parallax setting (yds/m)	109.36 / 100
Windage adjustment range	23 MIL
Elevation adjustment range	23 MIL
Adjustment (one click =)	1/10 MIL
Maximum caliber	.308
Battery type	CR2032
Battery life (hours)	Low (Level 1): 1500 hrs / High (Level 11): 6 hrs
Focal plane	Second
IP Standard (water rating)	IP67 - Water & Dustproof
Lens coatings	Fully Multi-coated
Operating temperature	-4° to 158° F / -20° to 70°C
Dimensions (in/mm) Height with 1.54" mount	5.83 x 2.22 x 3.08 / 148 x 56.5 x 78.3
Weight with 1.54" mount (oz/g)	18.7 / 530

DIAGRAM

1. Objective lens
2. Eyepiece (diopter adjustment)
3. Quick-change magnification adjustment
4. Elevation adjustment
5. Windage adjustment
6. + Button
7. - Button
8. Battery tray
9. Battery tray screws
10. Throw levers
11. Fixed mount
12. Mount crossbolts
13. Mounting screws (4 sets)
14. 0.39" Risers (3 pieces)
15. Honeycomb filter
16. Rubber lens cover





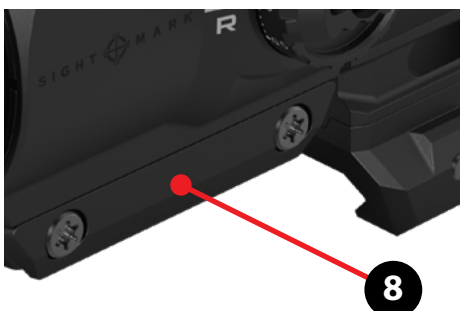


INSTALLING THE BATTERY

The Sightmark Strikon VMP 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 Strikon VMP features a fiber-wire reticle that functions with or without illumination. When illumination is off, the reticle appears black for passive use. When powered on, the center dot lights up to a daylight-visible brightness for faster target acquisition.

TO ACTIVATE THE RETICLE ILLUMINATION IN RED:

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.*

*Note: The Strikon VMP comes equipped with a shake awake function that will automatically turn the illumination OFF after 10 minutes of no movement. Any movement of the unit will automatically turn the illumination back on to its previous brightness setting.

DIOPTER ADJUSTMENT

The Sightmark Strikon VMP features a rotating eyepiece (2) for diopter adjustment, allowing users to match the reticle focus to their individual eyesight. Diopter adjustment compensates for differences in eye curvature. If the reticle appears blurry or out of focus, rotate the eyepiece until it looks sharp and crisp. This setting should not need further adjustment unless a different user operates the riflescope.

Note: Adjusting the diopter may slightly alter the apparent magnification. If the image does not appear true to size at 1x magnification, fine-tune the diopter until the view through the optic matches what you see with the naked eye.

VARIABLE POWER ADJUSTMENT

TO CHANGE THE MAGNIFICATION

1. Turn the Quick-Change Magnification adjustment (3) to the desired level of magnification.

INSTALLING THE THROW LEVER

The Sightmark Strikon VMP comes with 2 sizes of throw levers (10) that can be installed in the magnification dial. These can greatly increase the efficiency of turning the magnification dial.

TO INSTALL THE THROW LEVER:

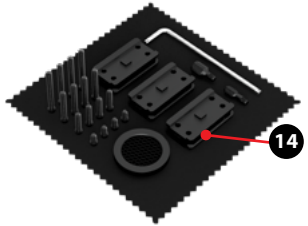
1. Select the preferred size of throw lever.
2. Locate the screw hole in the top of the magnification dial near the objective lens.
3. Carefully screw the throw lever into the magnification dial.
4. Tighten firmly by hand. **Do not overtighten.**
5. The included rubber gasket will help ensure the throw lever stays mounted during recoil.

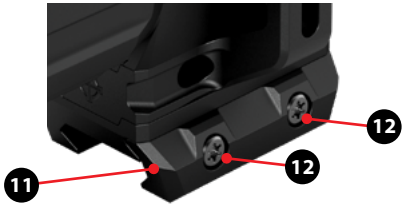
MOUNTING

The Sightmark Strikon VMP uses a standard Aimpoint® Micro footprint and comes preinstalled with a fixed mount (11) and a 0.39" riser (14), placing the optic at a 1.54" centerline height—ideal for AR-style platforms.

TO ACHIEVE PROPER EYE RELIEF WHEN MOUNTING THE OPTIC:

1. Set the optic to its highest magnification
2. Place the optic as far forward as possible on the Picatinny rail.
3. Slowly slide it back toward your eye until you see the full field of view without any shadowing.
4. Ensure the recoil lugs on the bottom of the mount are fully set into the picatinny rail.
5. Tighten the mount crossbolts (12) to at least 35 in-lbs (3.95 N-m).





The Strikon VMP allows users to adjust the optic's centerline height by adding or removing the included 0.39" risers.

TO CHANGE THE MOUNTING HEIGHT:

1. Remove the optic from your firearm, if installed.
2. Turn the optic upside down to access the mounting screws (13).
3. Using a T15 Torx wrench, loosen and remove all four screws.
4. Remove the mount and riser from the optic.
5. Add or remove risers as needed. Ensure the recoil lugs are fully seated between each component.
6. Reinstall the mount on top of the risers.
7. Choose the correct set of screws for your riser configuration and insert them through the mount.
8. Tighten all screws to 15 in-lbs (1.69 N-m) of torque.

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 VMP features exposed, finger-adjustable windage and elevation turrets (4, 5) with audible clicks—no caps to remove, no tools required.

TO ADJUST WINDAGE AND ELEVATION:

Rotate the turrets in the direction indicated by the "UP" (elevation) and "R" (windage) arrows to shift the bullet's point of impact.

Once your optic is zeroed, you can reset the turret markings to "0" for quick reference when making further adjustments in the field.

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 riflescope. 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.

Once the optic is zeroed, the turrets on the Strikon VMP can be reset to the "0" mark on your elevation and windage dial.

TO RESET THE TURRETS:

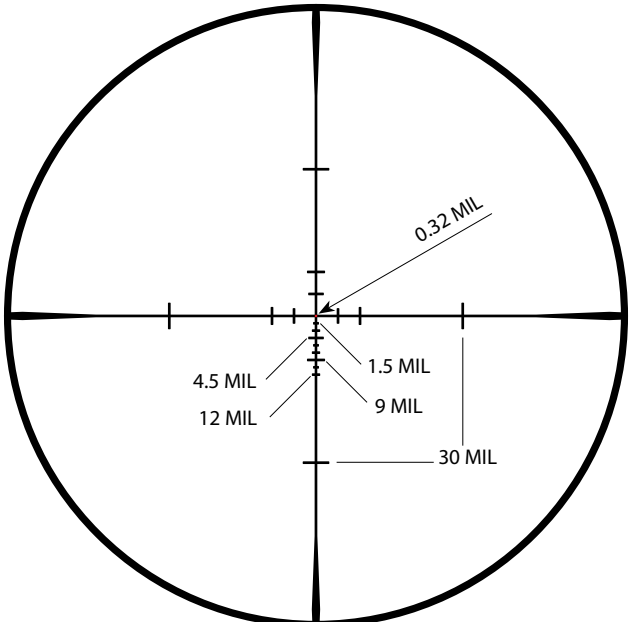
1. Grip the turret tightly with your fingers so that it cannot be turned.
2. Using a T15 Torx wrench, remove the screw through the center of the turret.
3. Carefully pull the turret straight up, ensuring no clicks are made.
4. Align the "0" on the turret with the zero marking on the optic and reinstall the turret, ensuring no clicks are made.
5. While gripping the turret tightly, replace and tighten the screw through the center of the turret, ensuring no clicks are made. **Do not overtighten.**

USING THE CRF-4 RETICLE

The Sightmark Strikon VMP 1-4x22 was designed for close to medium-range shooting. The CRF-4 (Close-Range 4) reticle is a second-focal plane, milliradian, fiber-wire reticle. The reticle can be used to determine limited target range and shot holdovers for wind/drop compensation and moving targets at 4x magnification. The vertical mil scales are scaled in 1.5 mil increments and can be used for range finding and holdovers. The CRF-4 Reticle has holdovers on each stadia at 4.5 MIL and 9 MIL. These act similar to a standard 60 MOA circle dot reticle at 1x and 4x respectively, creating a quick reference/alignment/ranging feature. The precise center dot is illuminated by fiber-wire to provide a day-light bright center dot for quick target acquisition.

Fiber-wire uses a small piece of fiber optic to illuminate the center point. This creates an extremely bright illuminated dot that can be seen in full sunlight. It provides the advantages of a red dot's brightness and fast target acquisition while also allowing the user to use increase magnification and use the MIL reticle for rapid holdovers and range estimations.

The CRF-4 reticle is based on milliradian (MRAD or MIL) design. Milliradian is a measurement of angle. 1.0 MIL is equal to 3.6" at 100 yards or 10cm at 100m. The adjustments in the Strikon VMP are 0.1 MRAD, meaning that each click will move the point of impact 0.36" at 100 yards or 1cm at 100 meters. The reticle is a second-focal plane reticle. This style of reticle will remain the same size as magnification is increased. The advantage of a second-focal plane reticle is that the size of the reticle will never change. However, range finding and performing holdovers is most accurate at 4x magnification. This is the magnification where the reticle dimensions are true.



RANGING AND ELEVATION HOLDOVERS WITH THE CRF-4 RETICLE

The reticle can be used to range targets at 4x magnification. To use any of the following formulas, the size of the target must be known.

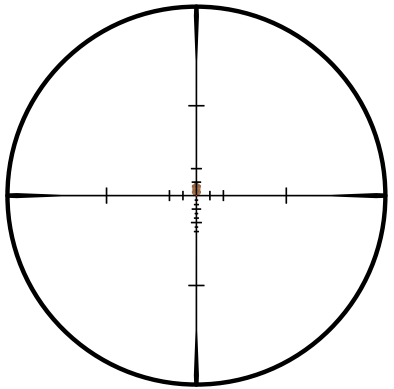
RANGING FORMULAS:

Target Size (yards) x 1000 = Range (yards)
Mils Read

Target Size (inches) x 27.8 = Range (yards)
Mils Read

Target Size (meters) x 1000 = Range (meters)
Mils Read

Target Size (cm) x 10 = Range (meters)
Mils Read



30 X 27.8 / 4.5MILS = 185 YARDS

Either the vertical or horizontal scale can be used to range for your target. Try to read MILs as accurately as possible.

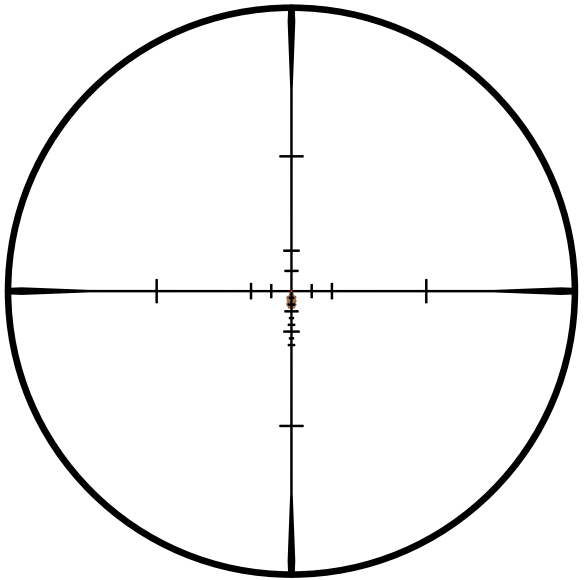
All range estimations can also be made at 1x, but all measurements need to be converted by a factor of 4. For example: a target that measures 1.5 MILs at 1x magnification is actually 6 MILs in size (1.5*4). Using a 4x magnification factor simplifies the process of using holdovers for second-focal plane reticles.
For example, in the image (above) an USPSA target is 30 in. tall and reads 4.5 mils tall.

ELEVATION HOLDOVERS WITH THE CRF-4 RETICLE

Once the distance is measured, the vertical mil scale can be used for holdovers to compensate for bullet drop. The shooter must learn their caliber's specific bullet drop numbers in MILs rather than MOA. The vertical MIL scale is marked in 1.5 MIL increments. Once the shooter knows the bullet drop, the correct hash mark can be used for holdover. In this example, a 400-yard holdover (2.0 MRAD) is used. No wind is present.

All holdovers can also be made at 1x, but all measurements need to be converted by a factor of 4. If you need to have a 4.4 MILs holdover when shooting longer distances, this will measure as 1.1 MILs at 1x magnification. Using a 4x magnification factor simplifies the process of using holdovers for second-focal plane reticles.

In this example, a 400-yard holdover (2.0mrad) is used. No wind is present.



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. Verify the sight is mounted securely to the rifle. If the optic can be shifted in any direction, retighten the mount according to the mounting instructions but do not over tighten. The sight will need to be re-zeroed afterwards.
2. Check that all mounting screws on the mount are securely tightened.
3. When sighting in be sure to use factory-loaded ammunition of the same bullet type, weight, and (preferably) lot number.

THE RETICLE DOES NOT ILLUMINATE:

1. Press the + button repeatedly to increase the brightness. The illumination may be set very dim.
2. Check that the battery is in working order and that the polarity of the battery is correct.
3. Check that there is no residue, film, or corrosion on the battery contacts that may be preventing the reticle from illuminating.
4. Remove and replace the battery with a new battery.

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. The halo or fuzzy appearance is caused by greater illumination than is required for the current environment the riflescope is being used in. Decrease the brightness level of the reticle until it is clear.

THE RETICLE ILLUMINATION TURNS OFF WHILE FIRING:

1. Tighten the battery tray screws so the tray is fully seated.

MAINTENANCE

Proper maintenance of the Sightmark Strikon VMP 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 Strikon riflescope 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 Strikon riflescope 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 rifle scope 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.
- Call a local poison control center for treatment information.
- Compatible battery type: CR2032
- Nominal battery voltage: 3.0 Volt
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 140°F / 60°C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to 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 them 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**

NOTES

NOTES

SIGHTMARK®

Sightmark
2201 Heritage Parkway, Mansfield, TX 76063

Manufactured for Sellmark Corporation
In EU, distributed by Sellmark OOD
104 A Akademik Ivan E.Geshov Blvd,
Floor 4, Office 6, 1612 Sofia, Bulgaria

SIGHTMARK WARRANTY

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