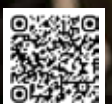




MEPROLIGHT®

EVERYTHING
YOU AIM FOR™

PRODUCTS PORTFOLIO



EN

MEPROLIGHT®

From Elite units, through military forces to LE agencies from over 60 countries, Meprolight delivers electro-optics shaped by real missions and proven performance. With millions of sights, thermal systems and night-vision devices deployed worldwide, every Meprolight product reflects uncompromising quality, global MIL-STD and a development process built on genuine battlefield insight.

For more than three decades, Meprolight has stood among the world's leading manufacturers of electro-optical systems, shaping how military, law-enforcement and civilian users operate across every continent. Its reputation is built not only on cutting edge technology, but on a culture of engineering excellence, meticulous craftsmanship and an unwavering commitment to real operational needs.

Founded in 1990 and today part of the SK Group, Meprolight has delivered millions of optical and imaging systems worldwide. Its comprehensive portfolio spans red-dot and reflex sights, magnified riflescopes, pistol optics, thermal imaging devices, night-vision solutions, laser pointers and tritium based self-illuminated sights each designed to deliver clarity, durability and intuitive performance in any environment. A key pillar of Meprolight's innovation is its deep, ongoing collaboration with the Israel Defense Forces (IDF). Working directly with active combat units, special forces and operational experts, the company incorporates real-time insights, field feedback and mission-driven requirements into every development cycle. This unique

partnership ensures that Meprolight's solutions are shaped by genuine battlefield experience and validated where it counts most.

Every product reflects a commitment to quality and consistency. All Meprolight systems undergo rigorous testing and are manufactured under ISO-9001 certification, fully compliant with NATO, U.S. military and global MIL-STD requirements. Whether deployed in extreme climates, urban landscapes or high-tempo operations, Meprolight optics continue to serve users reliably mission after mission, year after year.

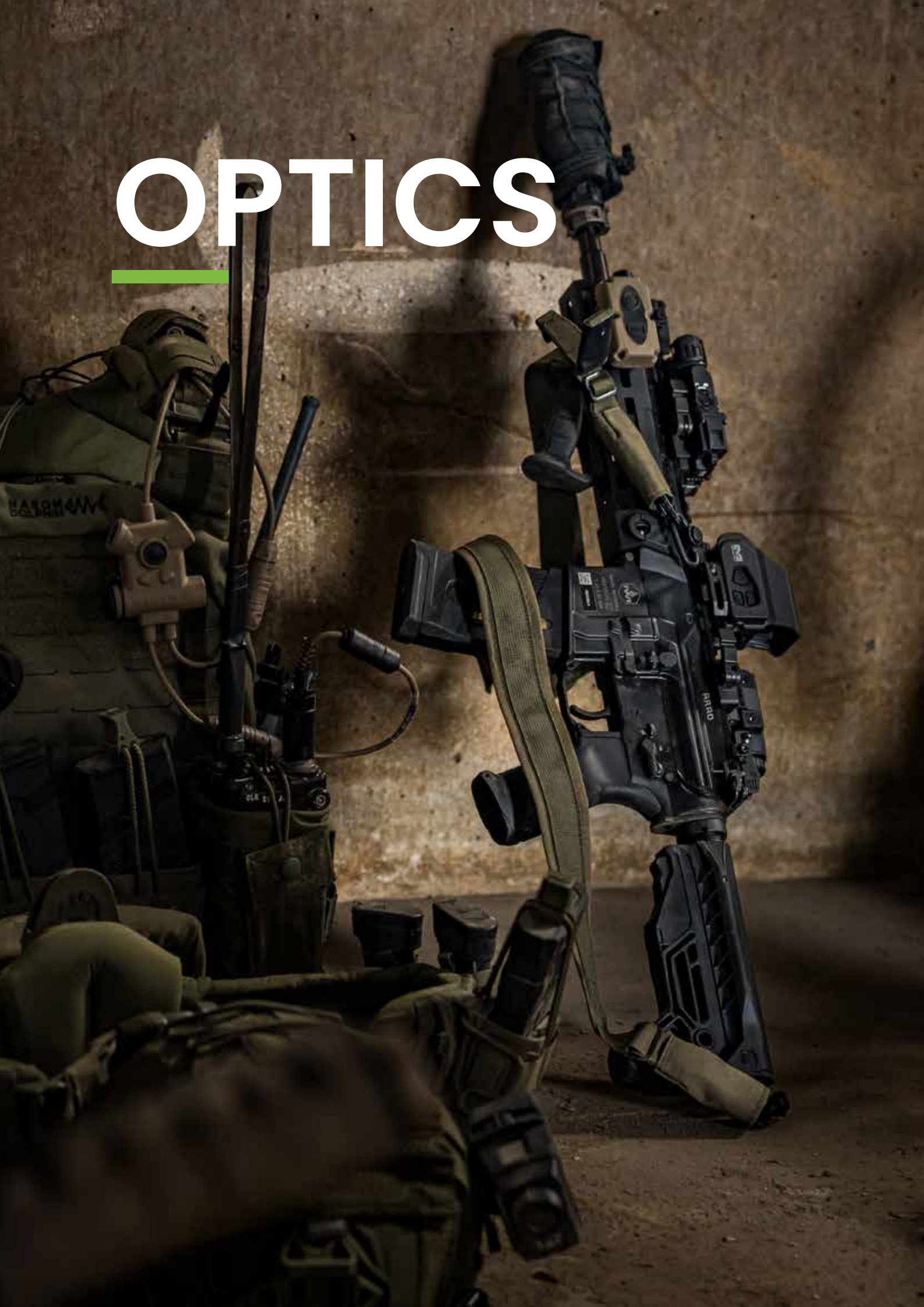
With customers in more than 60 countries, Meprolight remains a trusted global provider of mission-ready electro-optics. From research and design to manufacturing and worldwide customer support, the company continues to push boundaries while honoring the principles that have guided it from the beginning: professionalism, precision and true dedication to those who depend on its products. ■



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OPTICS



O2™

Built for professionals, the O2 delivers unmatched tactical versatility with its advanced reticle system, smart power management, and full mission adaptability. Day or night.



The O2 is a next generation electro-optical red-dot sight designed to meet the evolving demands of modern combat. Compact, lightweight, and rugged, it delivers fast target acquisition, superior reticle clarity, and advanced power-saving features, making it an ideal choice for military and tactical professionals operating in high-stakes environments.

A standout feature of the O2 is its optical design, which eliminates any forward light signature and removes the need for external anti-reflection devices (ARDs). This makes the operator significantly harder to detect, even when using the sight at night or against reflective surfaces without the need for bulky add-ons and accessories.

At the core of the system is a multi-segment reticle, allowing the user to switch between configurations such as dot or bullseye. This adaptability supports multiple engagement styles: close-quarters battle, mid-range precision, or mission specific ammunition, and offers a tactical advantage by tailoring the aiming solution to the threat environment.

The sight offers 16 brightness settings, split between daylight and night vision compatible modes. A built-in ambient light sensor enables automatic brightness control, while a Smart Energy Saver (SES) feature uses motion detection and sleep timing to extend battery life beyond 15,000 hours, ensuring long term reliability with minimal maintenance.

Durability and versatility are central to the O2's design. Engineered to MIL-STD, it is immersion rated and functions across an extreme temperature range. The robust mechanical construction withstands shock, recoil, and field abuse, while the integrated quick-detach Picatinny mount ensures easy setup across a range of platforms.

Fully optimized for use with magnifiers, night vision gear, and laser devices, the O2 seamlessly integrates into any tactical setup. It allows for fast, intuitive operation in high pressure conditions, giving professionals the confidence to move, aim, and engage with precision. Additionally, the sight's external cover hood can be easily replaced for routine maintenance or to match unit specific camouflage and color requirements, offering long term flexibility without compromising structure. ■

O2



O2



Electro-optical Compact
Red-Dot Sight



Zero Light Signature

ADVANTAGES AND BENEFITS:

- | Selectable 2/65 MOA SpeedRing or 2 MOA dot reticles.
- | Stealth advantage: No forward light emission visible to enemy.
- | No need for ARDs or filters, optics stay clean and compact.
- | Mission flexibility with fast switching reticle patterns.
- | Maintains full visibility in bright sunlight or total darkness.
- | Smart power saving extends operational readiness.
- | Rugged design survives harsh environments and extreme climates.
- | Compatible with magnifiers and NVGs.
- | Quick-detach mount allows fast transitions between weapon systems.

KEY FEATURES:

- | Light blocking optical geometry for true zero-signature aiming.
- | Reticle design adapts to different ammo types or threat profiles.
- | Ambient light sensor ensures instant brightness correction.
- | Shake-Awake and sleep functions reduce manual workload.
- | Wide, clear window supports rapid aiming with both eyes open.
- | Simple, protected interface with glove-friendly controls.
- | Zeroing knobs designed for intuitive in-field adjustment.
- | Fully compatible with advanced optical accessories.

LED

HIGHLY DURABLE
STRUCTURESEGMENTED
RETICLEZERO LIGHT
SIGNATURE

HOOD COLORS



Black FDE



M5™

The M5 is a battle-proven red-dot sight, trusted by militaries and law enforcement agencies around the world, offering durable performance, long battery life, and various reticle options.



The M5 is a high performance electro-optical red-dot sight developed for armed forces, law enforcement units, and security professionals operating in the most demanding environments. With an extensive operational track record, it has earned a strong reputation for reliability in real world combat and tactical use. From urban law enforcement to military deployments, the M5 has proven itself as a rugged and dependable aiming solution.

Built to withstand battlefield conditions, the M5 is fully compliant with MIL-STD-810. Its sealed construction resists shock, vibration, and weather, while internal electronics are protected against water, dust, and extreme temperatures. The optic holds zero even under heavy recoil, making it a go-to choice for assault rifles, carbines, and submachine guns in operational service worldwide.

The sight features a large viewing window and unlimited eye relief, allowing for quick target acquisition and both eyes open shooting. Brightness levels are adjustable to ensure clear visibility in all lighting conditions, from bright daylight to night operations. The M5 integrates smoothly with Generation II and III night vision devices and magnifying optics. Its ergonomic layout allows close placement of accessories without interfering with controls or the field of view.

The M5 operates on a single standard AA battery and provides thousands of hours of continuous use. A smart energy saving system automatically shuts the sight off when inactive and instantly powers it back on when movement is detected. This design ensures mission readiness while conserving power. A low-battery indicator gives timely alerts to avoid operational downtime.

One of the key advantages of the M5 is the ability to choose from several reticle options, including a standard 2 MOA dot, a bullseye pattern or custom-designed reticles. Each model is available with either a red or green reticle, allowing users to select the optimal version based on mission requirements, ammunition type, or visual preference.

Proven through years of deployment by professional users around the globe, the M5 delivers a robust, intuitive, and adaptable aiming solution for any mission profile. ■

M5



M5



Electro-optical Compact Red-Dot Sight



Rapid Target Acquisition

ADVANTAGES AND BENEFITS:

- | Extensive track record in military and law enforcement service.
- | Designed for combat durability under extreme operational stress.
- | Long runtime powered by a single widely available AA battery.
- | Variety of reticle options.
- | Auto shut off and instant activation optimize power. Fully compatible with night vision and magnifiers.
- | Built-in low battery alert for uninterrupted field operation.
- | Large display and unlimited eye relief enable rapid, instinctive aiming.

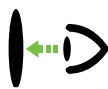
KEY FEATURES:

- | Proven reliability through years of battlefield use.
- | Reticle options for operational flexibility.
- | Clear, bright reticle visibility in all light conditions.
- | Ergonomic design allows close integration of NVGs and magnifiers.
- | Both-eyes-open aiming supports superior situational awareness.
- | Glove-friendly control interface designed for tactical use.
- | Maintains accuracy under recoil and physical impact.

HIGH TRANSPARENCY



RAPID TARGET ACQUISITION



ENERGY EFFICIENT



LED



MIL-STD



MOR™

The MOR is a multi purpose reflex sight combining a passive red-dot, an active LED reticle, and dual laser pointers in one compact and rugged unit, ready for action day or night.

The MOR is an all-in-one reflex sight designed for close-quarters and mid-range combat scenarios, providing unmatched operational flexibility in a single, integrated system. Originally developed for special forces, the MOR is trusted by professionals who require instant target acquisition, laser pointing, and uncompromising performance in rapidly changing environments.

This sight features both a passive reflex system and an active LED reticle, allowing it to adapt automatically to ambient lighting conditions or be manually powered for enhanced brightness when operating in low contrast or visually complex situations. During the day, the reticle is illuminated by fiber optics. At twilight or in darkness, a built-in tritium source ensures continued visibility. In bright backlit or transitional environments, the user can activate the LED for a highly visible aiming point.

The MOR also integrates two fully aligned laser pointers into its housing. The visible laser, available in red or green depending on the model, is ideal for close quarters or urban engagements. The infrared (IR) laser supports covert targeting and marking

when paired with night vision devices. Both lasers are zeroed to the reticle and can be used simultaneously, making the MOR ideal for full spectrum day and night operations.

Designed for rapid target acquisition, the MOR uses a large 30 mm lens and supports both-eyes-open shooting. The wide field of view allows for fast transition between multiple targets and aids engagement accuracy while firing under stress or in difficult visibility conditions. Available reticle shapes include a 2.2 MOA dot, 4.3 MOA dot, and bullseye, allowing users to choose the configuration that best matches their mission profile.

The MOR is built to military standards for durability and reliability in harsh conditions. It withstands extreme temperatures, weather exposure, and physical shock. The unit features constant and momentary activation modes for laser use, as well as a laser failure detection system that alerts the user if the pointer becomes non-operational. These features ensure consistent performance in dynamic or high risk environments. ■



MOR



MOR



Multi-Purpose Reflex Sight with Two Laser Pointers



Laser pointer

ADVANTAGES AND BENEFITS:

- Combines passive and active reflex sight, visible and IR laser in one compact platform.
- Passive, always-on reticle with optional LED for enhanced brightness.
- Supports red or green visible laser for different user needs.
- Dual laser pointers are aligned to the sight and zeroed as one system.
- Wide field of view supports rapid target acquisition under stress.
- Multiple reticle options for user preference and mission matching.
- Laser failure detection system ensures operational confidence.
- Built to survive extreme temperatures, weather, and physical impact.

KEY FEATURES:

- Passive illumination with fiber optics and tritium for uninterrupted operation.
- Active LED mode allows enhanced reticle visibility when needed.
- Fully integrated red or green and IR laser pointers for day and night use.
- 30 mm objective lens and unlimited eye relief for both-eyes-open shooting.
- Compact and lightweight with no external components or accessories required.
- Picatinny compatible quick mount for rapid deployment.
- User selectable reticle shapes including dot, bullseye, triangle, and open X.
- Built-in operational modes for constant or momentary laser activation.

LASER POINTER



REFLEX SIGHT



FIBER OPTIC



TRITIUM POWERED



MIL-STD



M21™

The M21 is a battle-proven, battery-free reflex sight that ensures instant readiness and reliable aiming in any lighting condition, day or night, without ever needing power.



Originally developed for the Israel Defense Forces, the M21 is a rugged, self-illuminated reflex sight designed for operators who demand instant performance without dependence on electronics or batteries. Its passive illumination system ensures that the sight is always ready – no switches, power-up time or risk of electronic failure.

The core of the M21's reliability lies in its dual illumination technology. During daylight, a fiber-optic system collects ambient light to illuminate the reticle, while at night or in darkness, a tritium source automatically takes over. This seamless transition between light sources allows users to operate across a full spectrum of environments without adjusting settings or worrying about batteries. Whether moving between bright sunlight and dark interiors or operating during long missions with no time for charging, the M21 keeps the reticle visible and the shooter ready.

This sight was built with close-quarter engagements in mind. It features a wide, 30 mm objective lens and unlimited eye relief, allowing for fast target acquisition and both eyes open shooting. A reticle choice between a Dot and a Bullseye gives users the ability to tailor the sight picture to their shooting style or mission profile. The optical clarity and simplicity make the M21 ideal for reflexive shooting, fast transitions, and multi-target engagements.

Durability is a cornerstone of the M21's design. It has no electronics to fail and is qualified to MIL-STD-810. The rugged housing resists impact, vibration, and harsh environments, from extreme heat and dust to cold rain and mud. The M21 is waterproof and remains fully operational after submersion, ensuring confidence in any combat zone or tactical scenario.

Because it is completely passive, the M21 excels in simplicity and long term cost effectiveness. With no need for batteries or recharging, logistics and maintenance burdens are drastically reduced. The tritium module provides years of dependable use, and a protective cover is included to shield the optic when not in use. For units operating in high-tempo deployments or austere environments, the M21 offers a true set-it-and-forget-it solution. ■

M21



M21



Self-Illuminated Reflex Sight



No Batteries Needed

ADVANTAGES AND BENEFITS:

- | Instant readiness. Always on, no startup delay.
- | Seamless visibility transition from day to night without user input.
- | Passive system means zero failure points due to electronics or batteries.
- | Extremely low maintenance and long operational life.
- | Wide lens and unlimited eye relief support fast, intuitive aiming.
- | Available with various reticles to match user needs.
- | Combat-proven durability in extreme conditions.
- | Reduces logistical footprint. No spare batteries or charging required.

KEY FEATURES:

- | Dual illumination system ensures 24/7 functionality without electronics.
- | Large, clear viewing window optimized for both eyes open shooting.
- | Simple and intuitive to use, even with gloves or under stress.
- | Compatible with magnifiers, night vision, and laser aiming devices.
- | Integrated quick-detach mount for rapid setup and removal.
- | Polarizer or killflash options available for added light control.
- | Designed and fielded for military forces worldwide.

NO BATTERIES



DAY/NIGHT



TRITIUM POWERED



FIBER OPTIC



MIL-STD



M22™

The M22 is a rugged, battery-free reflex sight that provides constant-on performance with zero maintenance, ensuring rapid target acquisition under any lighting condition.



The M22 is a compact, self-illuminated reflex sight built for professionals who demand speed, reliability, and simplicity. Based on the field-proven heritage of its predecessor, the M21, the M22 delivers continuous, no-fail aiming without the need for batteries or electronics. It is always ready for action, with no switches or controls to operate.

At the core of the M22 is a dual illumination system. During daylight, a fiber-optic light collection system powers the reticle. At night or in darkness, a built-in tritium capsule takes over automatically. This transition between light sources happens instantly and requires no user input. The system continuously adjusts brightness based on ambient light to maintain clear visibility of reticle at all times.

With a wide 26 mm lens, unlimited eye relief, and a clean optical layout, the M22 enables fast, instinctive shooting with both eyes open. This makes it especially effective in urban warfare and close-quarters combat, while also provides sufficient accuracy for mid-range engagements in open terrain.

The sight features a skeletonized external housing designed for durability and simplicity. The structure includes two easily replaceable components, making long term maintenance and part replacement straightforward. The sight weighs less than 260 grams, including the integral quick-detach Picatinny mount, keeping your weapon lightweight and well-balanced.

For users operating in low-contrast environments or transitioning between extreme lighting conditions, the M22 can be upgraded with a powered illumination add-on. This upgrade replaces the external skeleton with a LED-based power source, enabling manual enhancement of the fiber-optic brightness. The add-on provides greater control over reticle visibility without compromising the M22's core rugged design or passive functionality.

The M22 is fully compatible with night vision systems and magnifiers, offering flexible integration into a wide range of tactical setups. An optional anti-reflection filter is available to reduce glare. Built to withstand harsh field conditions, the M22 delivers mission critical performance without the complexity of powered optic. ■

M22



M22



Self-Illuminated Reflex Sight



Replaceable Cover

ADVANTAGES AND BENEFITS:

- | Always ready with no batteries or electronic components.
- | Bright, auto-adjusting reticle visible in all lighting conditions.
- | Seamless transition between fiber-optic and tritium illumination.
- | Wide field of view and both eyes open aiming for maximum awareness.
- | Lightweight and low profile for modern tactical configurations.
- | Maintenance-free design with easily replaceable external cover.
- | Ideal for both close quarters and mid-range engagements.
- | Fully compatible with NVGs and magnifiers.

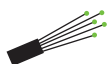
KEY FEATURES:

- | Self-illuminated reticle powered by ambient light and tritium.
- | 26 mm lens with unlimited eye relief for fast target acquisition.
- | Dual light system adjusts automatically to the environment.
- | Quick-release Picatinny mount built into the design.
- | External housing designed for strength and simple part replacement.
- | No controls or switches needed for operation.
- | Compatible with tactical accessories including magnifiers and NVGs.
- | Designed to perform under extreme environmental conditions.
- | Optional enhancement of battery lowered cover for manual reticle illumination.

DAY/NIGHT



FIBER OPTIC



TRITIUM POWERED



RETICLE ILLUMINATION



REPLACEABLE COVER



MCO™

The MCO is a super compact, closed emitter red-dot sight offering high level reliability, multi reticle adaptability, and rugged performance in any environment, day or night.



The MCO is a robust, enclosed red-dot sight built for combat grade reliability and long term operational endurance. Designed with input from tactical users, it delivers a clean sight picture, multiple reticle options, and energy efficient operation, all in a compact footprint ideal for rifles, carbines, and SMGs.

One of the MCO's core strengths is its closed emitter design, which completely seals the optical system. This ensures consistent performance in rain, dust, sand, and mud, making it exceptionally dependable for infantry, law enforcement, and special forces operating in unpredictable or harsh field conditions.

The MCO offers a user-selectable multi reticle system that includes a 2 MOA dot, a SpeedRing, and a SpeedRing with mil-dots, enabling shooters to match reticle style to engagement distance or personal preference. The clean, crisp reticles are displayed via LED, delivering excellent contrast in both bright and low light environments.

To further enhance usability, the MCO includes both manual and automatic brightness modes, with 10 settings for daylight use and 2 for night vision compatibility. The internal light sensor adjusts brightness automatically when enabled, ensuring optimal visibility without requiring constant user input—especially important during dynamic or high stress engagements.

The optic's Shake-Awake feature conserves battery life without reducing readiness. When inactive, the sight enters sleep mode. A slight movement immediately reactivates the reticle, ensuring the sight is ready the moment it's needed. Combined with ultra-low power consumption, the MCO can deliver up to 25,000 hours of operation from a single CR2032 battery.

Constructed from rugged 7075-T6 aluminum and rated IP67 for water and dust resistance, the MCO can withstand immersion and recoil without losing zero. Its compact dimensions and lightweight profile make it ideal for use with magnifiers, NVGs, and other mission enhancing optics. ■

MCO



MCO



Closed Emitter Carbine Optic



3-Segment Reticle

ADVANTAGES AND BENEFITS:

- | Super compact design.
- | Sealed emitter ensures clear optics in rain, fog, or dust.
- | Flexible reticle selection adapts to mission type or shooter preference.
- | Long battery life with automatic sleep mode for worry-free operation.
- | Auto-brightness ensures perfect reticle visibility in changing light.
- | Changeable mounting adaptors for selectable sight height.
- | Compatible with magnifiers and NV devices for extended reach. Built for recoil, shock, and field durability in combat settings.

KEY FEATURES:

- | Multi reticle LED system supports multiple combat scenarios.
- | Auto-sensing brightness adapts instantly to surroundings.
- | Shake-Awake feature balances readiness and power saving.
- | Designed for seamless integration with modern weapon optics.
- | Zero parallax at 50m and unlimited eye relief for fast targeting.
- | User friendly interface reduces training time and cognitive load.
- | Enclosed housing protects the emitter from water and debris.

3-SEGMENT
RETICLESHAKE
AWAKENVD
COMPATIBLELONG
BATTERY LIFEBRIGHTNESS
ADJUSTMENT

GLS™

The GLS is a self-illuminated reflex sight specifically designed for 40 mm grenade launchers of LV HE grenades, enabling fast and accurate targeting day or night without batteries or electronics.

The GLS was developed to solve one of the most persistent limitations in grenade launcher operations: poor first hit accuracy and limited usability in low light conditions. Traditionally, 40mm grenade launchers have relied on basic iron sights or daytime optics, which often result in missed shots even after extensive training. The GLS eliminates this problem with a dedicated solution that is compact, intuitive, and completely self-powered.

This advanced collimating sight uses a dual illumination system powered by fiber optics and tritium, delivering a visible reticle without any need for batteries, wiring, or controls. The reticle automatically adjusts its brightness based on ambient lighting, remaining visible in all environmental conditions. The sight requires no maintenance and provides continuous operation for over 10 years.

The GLS enables rapid engagement at distances between 50 and 400 meters. It features a 12 MOA aiming dot, automatically brightened or dimmed by surrounding light conditions, and presents range increments of 25 meters. Its principle of operation allows the user to aim with both eyes open for better situational awareness and quicker target acquisition.

Lightweight and compact, the GLS weighs just 230 to 250 grams and measures only 65 mm in length. It is built to withstand field abuse and harsh environments while remaining easy to operate under pressure. Whether used in urban or open terrain, day or night, the GLS delivers consistent first hit performance where standard sights fall short. ■



GLS



GLS



Self-Illuminated Reflex Sight for 40mm Grenade Launcher



Withstands Heavy Recoils

ADVANTAGES AND BENEFITS:

- | Self-illuminated aiming with no batteries or electronics.
- | Zero maintenance.
- | Fast and intuitive targeting from 25 to 400 meters.
- | Aiming with both eyes open for better situational awareness.
- | Compact and lightweight for minimal impact on weapon balance.
- | Multiple mounting adaptors support a wide range of platforms.
- | Delivers high first hit probability in day or night operations.

KEY FEATURES:

- | Dual illumination system powered by fiber optics and tritium.
- | Automatic brightness adjustment based on ambient light.
- | 12 MOA reticle with 25 meters range increments.
- | Side- and top-mount capable with optional platform adaptors.
- | Zero power source dependency and no external controls.
- | Designed specifically for 40 mm LV HE grenade launchers.
- | Reinforced housing built to endure recoil and rough handling.

NO BATTERIES



WITHSTANDS HEAVY RECOILS



FIBER OPTIC



TRITIUM POWERED



MIL-STD



MMX™

The MMX3 and MMX4 are compact, rugged magnifiers that instantly extend the effective range of your red-dot or reflex sight while maintaining fast target acquisition and operational agility.

The MMX3 and MMX4 micro magnifiers are advanced optical enhancers designed to improve the reach and versatility of 1x optics without compromising speed or simplicity. With 3x and 4x magnification, respectively, these tools expand the shooter's effective range while maintaining full compatibility with modern reflex and red-dot sights.

One of the most valuable features of the MMX series is the integrated side-flip adapter, which allows users to instantly switch between magnified and unmagnified views. A simple mechanism flips the magnifier out of the way when not needed, helping users maintain full situational awareness and reducing clutter on the weapon platform. The magnifiers mount securely to any MIL-STD-1913 Picatinny rail behind the primary optic.

Despite their robust capabilities, the MMX3 and MMX4 are remarkably compact and lightweight. The MMX3 weighs only 268 grams and measures 70.6mm in length, while the MMX4 weighs 290 grams and measures 82mm in length. Their minimal size helps preserve valuable rail space and keeps the weapon well-balanced, even when equipped with additional accessories. This compact form factor is especially

beneficial for users of short barreled carbines or those requiring high mobility in close to mid-range engagements.

Both models are designed to perform effectively in real world conditions. The rugged housing is water resistant, shockproof, and rated for operation across a wide temperature range. Each magnifier comes with two protective rubber covers and a riser for use with both 38.1mm and 49mm height over bore optics. Their simplicity, durability, and toolless operation make them an ideal choice for professionals seeking to increase capability without adding complexity.

These magnifiers are built for speed and precision. Each unit features adjustable windage and elevation knobs for finetuning line of sight alignment, but without changing the initial zeroing of the main sight. Both the MMX3 and MMX4 provide a generous field of view, enabling fast target transitions and improved tracking, ideal for dynamic environments where responsiveness is key.

Trusted by military and law enforcement users, the MMX3 and MMX4 deliver a practical and battle-ready solution for extending the effectiveness of reflex and red-dot optics in the field. ■



MMX



MMX3



Fixed 3X magnifying optics



Side-Flip



MMX4



Fixed 4X magnifying optics



Side-Flip

ADVANTAGES AND BENEFITS:

- | Instantly increases the effective range of red dot and reflex sights.
- | Flip-to-side adapter allows quick transitions between magnified and 1x views.
- | Factory-aligned system requires no re-zeroing.
- | Compatible with multiple sight heights using the included riser.
- | Clear, wide field of view supports fast target identification.
- | Compact and lightweight for maximum agility and minimal rail footprint.
- | Built for field use with water resistance and shock protection.
- | Proven performance trusted by defense and law enforcement professionals.

KEY FEATURES:

- | 3x and 4x magnification options support different mission profiles.
- | No batteries or electronics, fully passive and maintenance-friendly.
- | Eye relief optimized for rapid engagement and natural shooting posture.
- | Compatible with all standard MIL-STD-1913 Picatinny rails.
- | Riser delivers height flexibility. Rubber covers for protection and color adaptability.
- | Simple tool-free adjustments for quick alignment in the field.
- | Compact profile integrates seamlessly into modern tactical setups.

SIDE-FLIP



NO BATTERIES



HIGH TRANSPARENCY



HIGHLY DURABLE STRUCTURE



RUBBER COLORS



MX3-T™

The MX3-T is a rugged, lightweight 3x magnifier with an integrated quick side-flip adaptor, extending engagement range without sacrificing speed or situational awareness.



The MX3-T is designed to instantly extend the effective range of reflex and red-dot sights, delivering 3x magnification for improved precision at medium distances. Optimized for compatibility with Meprolight optics and other popular red-dot sights, the MX3-T mounts directly behind the primary optic on a Picatinny rail and requires no re-zeroing when engaged.

Its integrated quick side-flip mechanism allows shooters to transition seamlessly between magnified and unmagnified views. With a simple pull back or push forward action, the magnifier locks securely in either position, enabling rapid response to changing engagement distances.

Built for professional and civilian shooters alike, the MX3-T combines a wide 7.5° field of view with generous 56 mm eye relief, ensuring fast target acquisition and comfortable use, even during dynamic movement. Precision windage and elevation adjustments allow fine alignment with the primary optic for perfect reticle centering.

Weighing just 288 g including the adaptor, the MX3-T is compact and durable, manufactured to military standards for years of reliable service. Its sealed, water resistant construction (IPX7) ensures performance in rain, dust, and harsh climates, from -40 °C to +60 °C

Whether in tactical, competition, or recreational shooting, the MX3-T provides the flexibility to engage threats and targets at varying distances without changing optics or compromising speed. ■

MX3-T



MX3-T



3x Magnifier with Integrated Side Flip Adaptor



High Transparency

ADVANTAGES AND BENEFITS:

- | Extends the engagement range of reflex/red-dot sights without re-zeroing.
- | Quick pull back side-flip for instant transition between magnified and unmagnified views.
- | Wide 7.5° field of view for fast target acquisition.
- | Compatible with Meprolight and other popular red-dot/reflex optics.
- | Compact and lightweight for minimal added bulk.
- | Built to military durability standards for reliable long-term use.
- | Sealed, water-resistant housing for all-weather operation.
- | Precision windage and elevation adjustments for perfect reticle alignment.

KEY FEATURES:

- | Integrated quick side-flip mechanism with secure lock positions.
- | High optical clarity for improved medium-range precision.
- | Compatible with a wide range of reflex and red-dot sights.
- | Easy to adjust windage and elevation for reticle alignment.
- | Durable, weather-sealed construction for field reliability.
- | Designed for fast, fluid target transitions.
- | Comfortable and forgiving eye relief for dynamic shooting.

SIDE-FLIP



NO BATTERIES



HIGH TRANSPARENCY



HIGHLY DURABLE STRUCTURE



RUBBER COLORS



X4™

The X4 is a compact, rugged day scope with fixed 4x magnification, offering high optical clarity, multiple reticle options, and mission ready durability in a lightweight and energy efficient platform.

The X4 is a fixed magnification day scope designed for professional use in modern combat environments. Built to military standards, it delivers high contrast image clarity and fast target acquisition at medium ranges, while maintaining a compact form factor and intuitive operation.

With a wide 8° field of view and generous 38 mm eye relief, the X4 enables comfortable observation and engagement. The optical system is optimized for rapid target transitions and long observation periods, making it ideal for infantry and designated marksman roles in both urban and open terrain.

A defining feature of the X4 is its versatile reticle system. Users can choose from several factory set reticle options tailored to 5.56 mm, 7.62 mm, and 300 Blackout calibers. Available reticle patterns include SS109 crosshair, chevron, horseshoe, dual caliber, and blackout specific versions. This flexibility allows

each user to select the model best suited for their ammunition and mission profile.

The X4 includes five brightness settings, which allow the user to adjust reticle visibility to match lighting conditions. Whether operating in low light, bright daylight, or under transitional lighting, the illuminated reticle ensures a consistent point of aim. A built-in auto shut-off system conserves battery life by powering down the reticle after one hour of inactivity.

Weighing just 485 grams including the integral quick detach Picatinny mount and battery, the X4 preserves weapon balance and minimizes user fatigue. It operates on a single CR2032 battery and provides over 250 hours of runtime on the highest brightness setting. The sight's sealed construction meets full MIL-STD-810 environmental standards for water, shock, and temperature resistance. ■



X4



X4



4x fixed Magnification Scope



High Transparency

ADVANTAGES AND BENEFITS:

- | Fixed 4x magnification ideal for mid-range engagements.
- | Compact and lightweight design preserves weapon agility.
- | Multiple factory set reticle options for 5.56mm, 7.62mm, and 300BLK.
- | Adjustable reticle brightness for varied lighting conditions.
- | Auto-shut-off feature conserves battery and extends runtime.
- | Rugged MIL-STD-certified construction for harsh environments.
- | Wide field of view supports faster scanning and engagement.
- | Quick release Picatinny mount enables rapid deployment or swap.

KEY FEATURES:

- | Factory configured reticles tailored to specific calibers and mission types.
- | Five brightness levels provide optimal reticle visibility at all times.
- | Tool free mounting with integrated Picatinny quick release system.
- | Long battery life from a single CR2032 battery .
- | Designed for intuitive use with minimal training or adjustment.
- | Wide FOV and consistent eye relief enhance user comfort.
- | Tested to meet full MIL-STD-810 for durability and reliability.

4X MAGNIFICATION



HIGH TRANSPARENCY



RAPID TARGET ACQUISITION



ENERGY EFFICIENT



MIL-STD



MVO™

The MVO family of riflescopes delivers exceptional precision, clarity, and rugged reliability across a wide range of tactical and professional shooting scenarios, engineered for performance when every detail counts.



The MVO (Meprolight Variable Optic) family is a line of professional grade riflescopes designed to meet the diverse needs of modern shooters, from fast paced dynamic engagements to precision long-range targeting. Built around a common set of performance standards, the MVO series is crafted using premium German SCHOTT glass, individually optimized lens geometry, and meticulous assembly to ensure edge to edge clarity, superior contrast, and over 92% light transmittance.

Each model in the MVO family is built with a rugged 34 mm tube, fully waterproof and fog-proof housing (IPX7 rated), and First Focal Plane (FFP) etched glass reticles. The turrets are lockable and glove-friendly, with smooth, tactile adjustment and a repeatable zero stop. These scopes are engineered to maintain high performance in demanding field conditions, including extreme temperatures and high recoil calibers such as .338 Lapua Magnum.

Three models complete the MVO family:

MVO 1-8×28 (LPVO): A low-power variable optic ideal for short- to mid-range engagements with fast acquisition and a wide field of view. Features a red and green illuminated CQB reticle for dynamic shooting.

MVO 3-18×44 (MPVO): A mid-power solution balancing precision, weight, and size. It excels in general purpose tactical, competition, or long-range applications.

MVO 6-36×56 (HPVO): A high power optic designed for long distance precision, offering enhanced detail resolution and tracking performance even at extreme ranges. ■

MVO



MVO 1-8X28 [LPVO]

A low-power variable optic ideal for short- to mid-range engagements with fast acquisition and a wide field of view. Features a red and green illuminated CQB reticle for dynamic shooting.



MVO 3-18X44 [MPVO]

A mid-power solution balancing precision, weight, and size. It excels in general purpose tactical, competition, or long-range applications.



MVO 6-36X56 [HPVO]

A high-power optic designed for long-distance precision, offering enhanced detail resolution and tracking performance even at extreme ranges.

ADVANTAGES AND BENEFITS:

- | Designed for professional use in CQB, mid-range, and long-range engagement.
- | FFP etched glass reticles for accurate holdovers across all zoom levels.
- | Superior light transmission of over 92% using SCHOTT glass.
- | Excellent edge to edge clarity and high contrast across the image.
- | Built and tested to withstand recoil from high caliber rifles up to .338 Lapua Magnum.
- | Red and green illumination with 10 brightness levels and NVG compatibility.
- | Lockable, glove-compatible turrets with zero stop for easy adjustments.

KEY FEATURES:

- | Red and green reticle illumination with 8 brightness levels and 12 hours auto shutoff.
- | Ultrawide field of view for enhanced situational awareness.
- | Etched glass mrad reticles verified via live fire tests.
- | Premium SCHOTT multi-coated glass for high-definition image quality.
- | Zero stop for quick and precise return to zero.
- | Smooth magnification ring with optional extended throw lever.
- | IPX7 rated.
- | Operates reliably in temperatures from -40°C to +70°C.

GERMAN SCHOTT GLASS



HIGH TRANSPARENCY



FORGIVING EYE-RELIEF



RED/GREEN RETICLE ILLUMINATION



12-HOUR SHUT-OFF





LASERS



STING™ LUMINA

The Sting Lumina is a compact, durable, and high-precision dual-laser system with an integrated infrared illuminator; designed in close collaboration with special forces focusing on simplicity of use and reliability it enables efficient operations in any tactical and environmental conditions.



The Sting Lumina, combining visible and infrared (IR) lasers, and an integrated IR illuminator in a single compact and rugged platform, represents the ultimate generation of tactical laser devices. Designed in close collaboration with elite units, the product series offers an effective solution for low-light, complete darkness, and day & night CQB operations in variable ranges. enable

Equipped with top-notch, narrow-beam pointers, a single high-precision zeroing system for both lasers, and an IR illuminator featuring an adjustable beam angle, the Sting Lumina allows for seamless target acquisition and accurate target engagement, marking targets at short & long ranges at night, and IR area-illumination in no-light or low-light urban warfare scenarios. Extra-wide-angle illumination is supported using a diffusing filter. The Sting Lumina, fully compatible with last-generation night-vision devices, has it all!

A particularly important challenge in designing any function-rich military product is its user interface; combat conditions involve high stress and fatigue while still requiring the user to rapidly respond to changing tactical situations. Featuring fully ambidextrous top-positioned and intuitive controls with a physical separation between visible and IR laser functionalities, as well as a separate switch for system's output power, with the Sting Lumina, changing modes and efficiently operating the system without the need to observe its controls is effortless. Such "blind operation" augments users' survivability, and, complemented by two multi-color LED indicators, also provides concise and constant awareness of system's mode & status including a low-battery alert.

A remote-control cable that can be easily attached to weapon's side Picatinny rails or assault grips, enables activation and switching between constant and momentary modes without altering shooting position.

The Sting Lumina can be provided in different visible & IR laser & illuminator configurations; visible laser can be green or red while power outputs may range from Class 1 (fully eye-safe) to higher-power lasers required for longer-range operations.

Built for the harshest conditions, the Sting Lumina meets full MIL-STD-810 requirements for shock, vibration, and environmental resistance. It mounts directly to any MIL-STD-1913 Picatinny rail via a quick-release mechanism and is powered by a single AA battery; provides over 6 hours of continuous operation with the IR laser and illuminator simultaneously operating in high output mode. ■

STING LUMINA



STING LUMINA



Dual Wavelength Laser Pointer and IR Illuminator



IR Illuminator

ADVANTAGES AND BENEFITS:

- Combines a visible (red or green) laser, IR laser, and adjustable IR illuminator to suit any operational scenario.
- Single high-precision zeroing mechanism for simultaneous alignment of both aiming lasers; focused lasers provide small on-target spot for accurate target engagement even at longer ranges.
- Beam adjustable IR flashlight supporting wide-angle and long-range focused illumination with a separate alignment system.
- Fully ambidextrous, top-positioned controls complemented by a QD remote-control cable.
- Easy double-tap switching between constant and momentary modes using top button or remote-control cable.
- Locking mechanism for high-power and visible modes ensures safety in training and prevents detection by hostile forces at night.
- Clear mode, status, & battery power indication by two side-positioned multi-color LEDs.
- IR illuminator with user-programmable pulse mode for intra & inter force signaling
- Unique design of controls enables easy and intuitive "blind" operation for easy operation under stress and improved survivability

KEY FEATURES:

- Powered by a single "AA" battery (Alkaline, Lithium, or Rechargeable) for simplified logistics and reduced LCC.
- IR illuminator's optional diffuser provides extra-wide beam angle for CQB scenarios
- More than 6 hours of continuous operation in dual-high mode (Lithium AA).
- Auto shut OFF if lasers are left in continuous mode for over 5 min. to avoid unintentional battery depletion.
- No rear-positioned controls, supports positioning close to other devices for optimal utilization of rail space.
- Side-located LED indicators ensure clear status awareness even when mounted in front of other optics.
- Available with standard or secured quick-release Picatinny (MIL-STD 1913) adapter.
- Remote-control cable can be mounted on assault grips or attached to Picatinny rails with provided clip.
- Compact and robust, made of 6061-T6 aircraft-grade Aluminum; MIL-STD tested and proven in extreme field conditions.

IR LASER POINTER



IR ILLUMINATOR



LIGHTWEIGHT



MIL-STD



WITHSTANDS HEAVY RECOILS



STING™ PRO

The Sting Pro is a compact, dual-wavelength laser pointer built for tactical precision in various darkness scenarios and night operations, offering rugged reliability across all mission types.



The Sting Pro is a state-of-the-art dual-wavelength laser pointer designed to enhance aiming precision in diverse operational scenarios. It delivers both visible and infrared (IR) laser outputs, supporting a full range of tactical applications from close quarters battle to low-signature night operations. Compact, durable, and mission-focused, it is trusted by professional users for its simplicity and resilience.

Engineered to mount directly onto any MIL-STD-1913 Picatinny rail, the Sting Pro is ideal for use on rifles, machine guns, and high-recoil weapon platforms. Its rugged housing and internal components meet MIL-STD-810 standards, ensuring resistance to shock, vibration, and harsh environmental conditions. The unit remains stable and accurate even on heavy-duty platforms such as light machine guns.

The Sting Pro features two independent laser channels: a red visible laser for urban and close quarters battle (CQB), and a covert infrared laser for nighttime or low-light operations using night vision devices. Both lasers can be zeroed simultaneously with a single adjustment system, ensuring point-of-aim consistency across both modes and simplifying the zeroing process for the operator.

To enhance usability under pressure, the Sting Pro includes both a top-mounted activation button and a remote pressure switch connector, making it fully ergonomic for left or right-handed shooters. A two-color LED status indicator clearly displays whether the device is active and which laser is currently in use. The unit also includes a blinking low battery alert to ensure uninterrupted performance in the field.

Power is provided by a single standard 1.5V AA battery. In high-output visible mode, the device offers up to 12 hours of continuous operation. A built-in safety mechanism protects against accidental use of high-intensity laser modes. This combination of reliability, ease of use, and field-ready durability makes the Sting Pro a preferred solution for professional forces worldwide. ■

STING PRO



STING PRO

-  Dual Wavelength Laser Pointer
-  Dual Activation Options

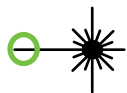
ADVANTAGES AND BENEFITS:

- | Dual laser output supports both overt and covert operations.
- | Simultaneous zeroing of visible and IR lasers simplifies setup.
- | Ergonomic design with both top button and remote cable activation.
- | Built-in LED indicators provide operational clarity and battery status.
- | Designed to withstand recoil from large-caliber weapon systems.
- | Lightweight and compact to minimize rail footprint.
- | Quick-detach Picatinny mount allows fast installation and removal.
- | Field-tested durability meets military environmental standards.

KEY FEATURES:

- | Visible and infrared lasers with selectable output levels.
- | Compact housing optimized for modern weapon platforms.
- | Remote cable connector supports flexible activation methods.
- | Single adjustment system maintains alignment between both lasers.
- | LED interface clearly distinguishes between active modes.
- | Compatible with any standard Picatinny rail.
- | Runs on a single widely available AA battery.
- | Suitable for both left- and right-handed users with intuitive controls.

IR LASER POINTER



IR ILLUMINATOR



LIGHTWEIGHT



MIL-STD



WITHSTANDS HEAVY RECOILS



LASER BORESIGHT™ FAMILY

The Laser Boresight family provides precise, rapid, and repeatable zeroing for a full spectrum of weapon platforms, ensuring accurate alignment without firing a single round.

The Laser Boresight family is designed to streamline zeroing and alignment procedures across multiple weapon types, enhancing accuracy, saving ammunition, and significantly reducing time on the range. These compact, durable laser tools replicate the exact external dimensions of real cartridges or launcher chambers, ensuring perfect alignment every time they are inserted.

Manufactured from high grade materials, the boresights provide exceptional durability in professional military and law enforcement environments. Their internal laser module is precisely aligned with the cartridge body, the most critical element of effective boresighting, ensuring that the laser projection accurately represents the weapon's true bore axis.

The family consists of four primary configurations:

- 5.56 mm Boresight — for standard assault rifles and carbines
- 7.62 mm Boresight — for DMRs, battle rifles, and machine guns
- 9 mm Boresight — for pistol caliber firearms and SMGs
- 40 mm Boresight — for grenade launchers requiring accurate, repeatable point of impact alignment

All models follow the same mechanical and optical principles, ensuring consistent performance across calibers. The boresight is inserted into the barrel, instantly projecting a visible laser point for precise zeroing of optics, iron sights, and laser aiming devices. ■



LASER BORESIGHT FAMILY



BORESIGHT FAMILY



ADVANTAGES AND BENEFITS:

- | Enables fast and accurate zeroing without firing live ammunition.
- | Reduces range time, ammunition expenditure, and training costs.
- | Ensures precise alignment of optics, iron sights, and laser devices.
- | Insert and use design, with no weapon modification required.
- | Consistent operation across all supported calibers and weapon types.
- | Highly portable and ideal for armories, tactical teams, and training units.
- | Operational across a wide temperature range for field reliability.

KEY FEATURES:

- | High precision internal laser aligned to the cartridge body.
- | Output power ≤ 5 mW.
- | Aspherical glass collimating lens for a crisp, stable beam.
- | Spot size approx. 5 ± 1 mm at 10 m.
- | Beam divergence of approx. 0.4 mRad.
- | Rugged housing.
- | Operates on 3–6 VDC power (battery dependent on model).
- | Operational temperature range -20°C to $+60^{\circ}\text{C}$; storage -20°C to $+85^{\circ}\text{C}$.

LASER POINTER



DRY ZEROING



MULTI CALIBERS





PISTOL SIGHTS



MPO™

The MPO family of Meprolight Pistol Optics delivers rugged, intuitive, and highly adaptable red-dot solutions for full size, compact, and concealed-carry pistols, trusted by professionals and ready for any mission.



The MPO (Meprolight Pistol Optic) family is built to meet the demands of military, law enforcement, and civilian shooters who expect reliability, speed, and clarity in every draw. Each MPO model provides a crisp, red, 3 segment reticle (3 MOA dot, 33 MOA bullseye, and 33 MOA ring) with user selectable display modes for personal preference and tactical flexibility. With shared core features like "Shake-Awake", long battery life, and automatic/manual brightness adjustment, the MPO lineup provides consistent performance across all use cases.

All MPO models use a CR1632 battery with over 20,000 hours of runtime, and include either RMR or RMSc footprints to ensure compatibility with the most common full size and micro compact handgun platforms. The entire line is waterproof (IP67), fog proof, and built with rugged aluminum housings ready for daily carry and professional use.

The family includes four distinct models:

MPO-F: An open-emitter reflex sight with an RMR footprint, optimized for full size pistols and tactical applications. It features a low profile design to minimize snag risk, with quick user interface and wide window for rapid acquisition.

MPO PRO-F: A closed-emitter sight with an RMR footprint, offering maximum durability in harsh environments. Ideal for duty use, it combines the benefits of the MPO reticle system with a sealed housing for total protection.

MPO-S: An open-emitter model with an RMSc footprint, tailored for slimline and concealed-carry handguns. Lightweight and minimal, it's ideal for daily carry and quick target engagement.

MPO PRO-S: A closed-emitter sight with an RMSc footprint, offering full environmental sealing and robust construction in a compact form, suitable for both concealed carry and professional use. ■

MPO

MPO PRO-F

Closed Emitter Pistol Sight with RMR Footprint



MPO-F

Open Emitter Pistol Sight with RMR Footprint



MPO PRO-S

Closed Emitter Pistol Sight with RMSc Footprint



MPO-S

Open Emitter Pistol Sight with RMSc Footprint



ADVANTAGES AND BENEFITS:

- | Full family coverage for full size, compact, and micro pistols.
- | Industry standard RMR and RMSc footprints for wide compatibility.
- | Selectable 3 segment reticle (3 MOA dot, 33 MOA bullseye, 33 MOA ring).
- | Shake-Awake technology for motion activation and energy efficiency.
- | Over 20,000 hours of battery life using a single CR1632 battery.
- | Waterproof (IP67) and fog-proof aluminum housing.
- | User selectable brightness: 10 daytime levels + 2 NVG-compatible mode.
- | Closed-emitter options for improved performance in dirt, dust, and rain.

KEY FEATURES:

- | Automatic and manual brightness control modes.
- | Power saving sleep mode for long term readiness.
- | Enclosed and open-emitter models for different tactical preferences.
- | Glove-compatible user interface for field operation.
- | Designed for fast target acquisition and minimal snag risk.
- | Multiple mounting options with direct compatibility to handgun slides.
- | Fog resistant optics with durable aluminum housing.
- | Optimized for EDC, tactical operations, and law enforcement use.

STANDARD FOOTPRINTS



BRIGHTNESS ADJUSTMENT



3 RETICLE SEGMENTS



SHAKE-AWAKE



IP67 WATERPROOF



TRITIUM-BASED PISTOL SIGHTS

Always on, always ready. Tritium-based pistol sights deliver unmatched visibility in any lighting condition without batteries or maintenance.

Tritium-based pistol sights provide shooters with the ultimate advantage of clear, fast target acquisition in all lighting conditions, day or night, without relying on batteries or external power. Depending on the model, they may combine premium grade tritium for low light or no light visibility with additional optical enhancements, such as fiber optics, for improved daylight performance. This ensures that whether the sight uses tritium alone or in combination with other technologies, the aiming point remains visible and reliable, enhancing accuracy and shooter confidence in every scenario.

The **Hyper-Bright™** series offers some of the brightest night sights available today, pairing a high visibility colored front sight ring with a clear rear sight notch. This design allows rapid sight alignment and target acquisition, even under stress, making it a trusted choice for military, law enforcement, and civilian shooters worldwide.

The **FT Bullseye™ Front** Sight integrates fiber-optic and tritium technology into the smallest optical pistol sight on the market. Providing an illuminated dot-and-circle bullseye aiming point, it eliminates the need for a traditional front sight, allowing an instinctive, reflex style aiming experience in an ultralow profile design.

The **FT Bullseye™ Rear** Sight incorporates the same advanced technology in a rear-mounted configuration, offering a compact, snag free, and holster friendly design. Both Bullseye models are shockproof, drop resistant, and engineered to withstand recoil, making them ideal for duty and personal defense pistols.

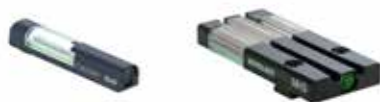
With simple installation on existing dovetails, compatibility with most holsters, and guaranteed nighttime illumination for up to 12 years, the Tritium-based family of sights delivers reliable, maintenance free performance in the most demanding environments. ■



TRITIUM

FT BULLSEYE™ REAR+FRONT

Innovative fiber-tritium optical pistol sight



TRU-DOT®

Self illuminated day & night sights for pistols



HYPER BRIGHT™

Self illuminated highly visible day & night sights for pistols



ADVANTAGES AND BENEFITS:

- | Always visible aiming point in all light conditions.
- | No batteries or switches: maintenance free operation.
- | Brightest tritium sights available for exceptional low light performance.
- | Rapid, instinctive target acquisition for faster, more accurate shooting.
- | Compact, snag free profiles compatible with most holsters.
- | Durable, shockproof construction for sustained heavy recoil use.
- | Easy installation on standard pistol dovetails.
- | Trusted by military, law enforcement, and civilian shooters worldwide.

KEY FEATURES:

- | Premium tritium illumination for consistent low light visibility.
- | Fiber-optic enhancement on selected models for daylight brightness.
- | Multiple sight configurations, including traditional 3-dot and bullseye designs.
- | High visibility aiming elements for faster target acquisition.
- | Low profile shapes to reduce snag risk and aid rapid draw.
- | Long service life over 12 years of illumination.
- | Compatibility with a wide range of popular pistol models.
- | Built to withstand harsh environmental conditions and recoil.

DAYTIME



NIGHTTIME



RAPID INSTINCTIVE AIMING



TRITIUM POWERED



HIGHLY DURABLE STRUCTURE





THERMAL



TIGON™

Tigon is a compact hybrid sight that seamlessly combines a high resolution thermal imager with a red-dot day sight, delivering full day-and-night combat readiness in a single lightweight solution.

Tigon is a next generation hybrid sight system that integrates thermal and red-dot technologies into one compact and lightweight optic. Designed for fast, intuitive use in both day and night conditions, it offers full operational flexibility for infantry, law enforcement, and special operations users without adding complexity or weight to the weapon platform.

During the day, Tigon functions as a clear, transparent red-dot sight with a visible reticle and a wide field of view. The large viewing window allows for rapid target acquisition using both eyes open. A built-in light sensor can automatically adjust the reticle brightness to match changing lighting conditions. The sight is fully compatible with magnifiers, making it a practical solution for mid-range engagements during daylight operations.

At night, the system activates its integrated uncooled thermal imaging sensor, projecting a clear thermal image onto the same display used during the day. The thermal mode enables the detection and engagement of targets beyond 300 meters, even in total darkness or degraded visibility conditions such

as smoke, dust, fog, or rain. A built-in digital zoom (2x) further extends target identification range when needed.

Tigon features a simple and accurate zeroing system, allowing easy setup and consistent performance across both sighting channels. Multiple reticle styles can be selected to fit the user's preference or mission profile. The system operates on two standard AA batteries, offering thousands of hours in red-dot mode and over five hours of continuous use in thermal mode. A built-in power-saving mechanism ensures optimal battery efficiency while maintaining reticle availability at all times.

Designed for rugged use, Tigon meets full MIL-STD-810 requirements for shock, weather, and environmental resistance. It mounts securely to any MIL-STD-1913 Picatinny rail using a durable quick-release interface. For users requiring integration with external systems, the sight includes a video-out interface for streaming or remote monitoring. Whether used for special forces missions or standard infantry patrols, Tigon delivers unmatched capability in a single optic. ■



TIGON



TIGON



Hybrid Thermal & Red-Dot Sight



Day/Night

ADVANTAGES AND BENEFITS:

- Combines thermal imaging and red-dot sight into one integrated system.
- Enables full day and night operation without switching optics.
- Compatible with magnifiers and night vision devices for extended daytime range.
- High-resolution thermal sensor recognizes targets beyond 300 m.
- Supports operation in smoke, fog, rain, and complete darkness.
- Lightweight and compact to reduce overall weapon load.
- Thousands of hours of operation in day mode, with efficient power-saving.
- Suitable for special forces and general infantry deployments.

KEY FEATURES:

- Transparent red-dot window with optional automatic brightness control.
- Thermal channel with 2x digital zoom and switchable reticles.
- Runs on two standard AA batteries for universal availability.
- Video-out port for external displays or command integration.
- Optional PTT cable connection.
- Quick-release MIL-STD-1913 Picatinny mount.
- Built to MIL-STD-810 standards for combat reliability.
- Provides unmatched cost-effectiveness for scalable deployment.

THERMAL DEVICE



LED RED-DOT SIGHT



DAY/NIGHT



LARGE DISPLAY WINDOW



MIL-STD



NYX™ 90

NYX 90 is a high-performance thermal weapon sight purpose-built for long-range precision shooting, delivering unmatched durability and clarity for high-caliber sniper rifles in compact, rail-efficient form.

NYX 90 is a rugged thermal weapon sight designed specifically for sniper and marksman roles. Built to withstand the recoil of heavy-caliber rifles up to .50" BMG. It enables long-range detection and engagement in any environment, day or night. Its compact footprint makes it especially effective for weapon systems with limited rail space or integrated accessories.

With a detection range of up to 2,000 meters and recognition range of over 1,300 meters for human targets, NYX 90 provides excellent situational awareness and target acquisition capabilities. It features a high-resolution 640x480, 12μ thermal core with 4.5x optical magnification and digital zoom up to 4x, ensuring clear identification and precise aiming across extended distances.

Unlike traditional thermal optics that require bulky shock absorbers, NYX 90 mounts directly to standard

MIL-STD-1913 Picatinny rails without any additional recoil dampening hardware. This simplifies integration and maintains a consistent zero, even on powerful platforms. The robust construction meets full MIL-STD-810 requirements, ensuring field reliability in harsh climates and rough handling.

The system operates for up to 7 hours on four AA batteries, with external power options available for extended missions or vehicle-mounted configurations. NYX 90 features a high-quality OLED display, three user-selectable reticle options, and built-in image capture for stills, along with a video-out function that supports real-time sharing, mission management, and integration with external monitors or command systems. With quick start-up, an intuitive interface, and crisp thermal detail, it is fully equipped for demanding operational needs. ■



NYX 90



NYX 90



Lightweight Uncooled Thermal Sniper Sight



Withstands Heavy Recoils

ADVANTAGES AND BENEFITS:

- | Designed for heavy calibers of up to .50" sniper rifles without need for shock absorbers.
- | Long-range detection up to 2,000 m with sharp image clarity.
- | Compact profile fits weapons with limited rail space.
- | Power efficient mechanisms for very long operational time.
- | Still-image and video output for training, debrief and mission management.
- | Fully MIL-STD-810 qualified for all-weather, high-demand operations.

KEY FEATURES:

- | 640×480, 12μ thermal sensor with 4.5x optical and up to 4x digital zoom .
- | High-recoil tolerance for up to .50" caliber platforms.
- | Runs on standard AA batteries, with up to 7 hours of operation.
- | Video-out and still capture with overlay reticle support.
- | Three selectable reticle styles to suit mission needs.
- | Compact and lightweight with direct Picatinny mounting.
- | Ideal for snipers, designated marksmen, and tactical surveillance.

THERMAL DEVICE



WITHSTANDS HEAVY RECOILS



HIGHLY DURABLE STRUCTURE



ENERGY EFFICIENT



MIL-STD



NYX™ 200

NYX 200 is a multispectral thermal sight that combines uncooled thermal imaging with a digital day or low-light channel, delivering unmatched tactical flexibility in any lighting or weather condition.



NYX 200 is a cutting edge thermal weapon sight that integrates two visual channels into one compact and ruggedized platform. It offers users both uncooled thermal imaging and a second digital channel. Either a full color day camera or a low-light sensor, providing superior adaptability in dynamic operational environments. The sight is purpose built for mission versatility, offering both handheld and weapon mounted use.

The thermal channel enables clear target detection in total darkness, as well as through smoke, fog, or dust. The secondary digital channel provides additional details during daylight or near-dark conditions, enabling facial recognition and operation through glass, capabilities that traditional thermal optics often fall short of. Users can switch seamlessly between channels, combining the strengths of each in real time.

NYX 200 features multiple optical configurations, with magnifications ranging from 1x to 2.7x, and digital zoom options of 2x and 4x. Despite its advanced functionality, the system remains intuitive and easy to use, featuring a digital zeroing interface that applies across both imaging channels simultaneously. A high-resolution 640x480 OLED display ensures crisp visuals across all conditions.

Designed for tactical efficiency, NYX 200 includes a built-in IR laser pointer with in-FOV indication, allowing operators to point targets for teammates using night vision devices. It also features onboard video recording and still image capture, providing valuable tools for mission documentation, debriefing, or training. A standard video output port allows external live monitoring or system integration.

Powered by four AA batteries, the NYX 200 offers up to 7 hours of continuous operation using lithium cells, with flexibility to use alkaline or rechargeable batteries in the field. Built to full MIL-STD-810 environmental and shock standards and equipped with a quick-release Picatinny rail mount, the NYX 200 delivers reliable performance and fast deployment across the full spectrum of tactical missions. ■

NYX 200



NYX 200



Multispectral Uncooled Thermal Sight



Recording Capabilities

ADVANTAGES AND BENEFITS:

- | Dual imaging channels: thermal plus digital day or low light.
- | Seamless switching between channels enhances decision-making.
- | Built-in IR laser pointer for covert designation.
- | Integrated DVR for training, review, or mission documentation.
- | Works through glass and enables facial recognition (secondary channel).
- | Flexible handheld or weapon-mounted operation.
- | Runs on standard AA batteries for field readiness.
- | Proven performance in battle and MIL-STD qualified.

KEY FEATURES:

- | Uncooled thermal sensor paired with a second digital camera channel:
 - o Thermal sensor: 640x480, 12μ with 2.7x optical magnification.
 - o Digital camera: Day or low light, with 640x480.
- | OLED display with 640×480 resolution for sharp imagery.
- | Digital zoom (2x / 4x) on top of optical magnification options.
- | Simultaneous digital zeroing for both channels.
- | Optional backup red-dot for instinctive short-range use.
- | IR pointer visible through NVGs with FOV indicator.
- | Built-in video recording and image capture.
- | Quick-release Picatinny mount and intuitive control interface.

THERMAL DEVICE



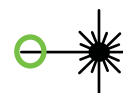
MULTISPECTRAL DEVICE



RECORDING CAPABILITIES



IR LASER POINTER



MIL-STD





NIGHT VISION



HUNTER™

Hunter is a rugged night vision weapon sight for sharp shooters and snipers, delivering clear, stable imaging with 4x or 6x magnification using GEN II+ or GEN III intensifier tubes.



Hunter is a highly durable night vision weapon sight engineered for medium- and long-range precision engagements. Designed around advanced GEN II+ or GEN III image intensifier tubes, it provides bright, high resolution imagery suitable for the most demanding battlefield conditions. Its compact form factor and rugged construction make it ideal for snipers and designated marksmen requiring reliable nighttime accuracy.

The sight features fixed 4x or 6x magnification models, both offering a wide field of view and fast target detection. Reticle brightness adjustment enables precise shot placement, even in dynamic lighting environments. Reticle adjustment and “zero stop” function (in the Hunter 6x version) allow fast ballistic compensation, ensuring consistent performance when engaging targets at varying distances.

Hunter is powered by two commercially available AA batteries and provides up to 60 hours of continuous operation at room temperature, making it dependable during extended missions. The system operates under normal environmental conditions without the need for external power sources or infrared illumination.

Engineered according to MIL-STD-810 environmental standards, Hunter withstands shock, temperature variations, and harsh operational use. It mounts easily on sniper rifles and machine guns, enabling flexibility across different mission profiles. Its simple and accessible ON/OFF switch further enhances ease of use under stress or when wearing gloves.

With its combination of optical clarity, rugged design, long operating time, and straightforward controls, Hunter provides professional users with a powerful, mission ready night vision solution for precision nighttime operations. ■

HUNTER



HUNTER 4X

-  4x Sniper's Night Vision Weapon Sight
-  High Quality Optics



HUNTER 6X

-  6x Sniper's Night Vision Weapon Sight
-  High Quality Optics

ADVANTAGES AND BENEFITS:

- | Designed for medium- and long-range nighttime targeting.
- | Fixed 4x or 6x magnification options for mission tailored engagement.
- | High resolution GEN II+ or GEN III intensifier tubes.
- | Fast and accurate reticle adjustments for ballistic compensation.
- | Long operating time of up to 60 hours on standard AA batteries.
- | Compact and lightweight design suitable for sniper platforms.
- | Highly durable construction for harsh battlefield environments.
- | Simple and accessible ON/OFF switch for easy operation.

KEY FEATURES:

- | Magnification options: 4x or 6x.
- | Field of view: 9.1° (4x model) or 6.1° (6x model).
- | Focus range: 25 m to infinity (4x) / 30 m to infinity (6x).
- | Diopter adjustment: -5 to +2.
- | Red projected reticle with 0.1 mrad adjustment (0.2 mrad optional).
- | Uses 18 mm GEN II+ or GEN III intensifier tubes.
- | Powered by 2 × AA batteries; up to 60 hours operation at +20 °C.

IIT INTEGRATED



BRIGHTNESS ADJUSTMENT



HIGH QUALITY OPTICS



ENERGY EFFICIENT



MIL-STD



MINIMON™

Minimon is a compact, multifunctional night vision monocular that delivers exceptional image clarity and operational versatility for demanding tactical environments.



Minimon is an ultra-lightweight night vision monocular engineered to meet the diverse needs of modern military and law enforcement operators. Designed for flexibility, it can be used in hand held, head mounted, helmet mounted, or weapon mounted configurations, allowing a single device to fulfill multiple operational roles.

Equipped with a high quality 18 mm image intensifier tube (GEN II+ or GEN III), the system provides bright, sharp imagery while maintaining a wide 40° field of view and comfortable 25 mm eye relief. This ensures full peripheral awareness and natural depth perception, even during long duration missions.

Its integrated IR illuminator enables map reading and navigation in total darkness or enclosed spaces, supporting covert missions in caves, tunnels, or ships. When mounted behind a day red-dot sight, the Minimon instantly transforms it into an enhanced and efficient night vision weaponsight.

The unit is powered by a single CR123 or AA battery, offering up to 40 hours of continuous operation. Optional accessories include 3x, 4x and 5x magnifying lenses for long range observation and a waterproof configuration rated for submersion up to 20 meters, suitable for special forces or naval missions.

Built to MIL-STD-810 standards, Minimon withstands shock, vibration, and extreme temperatures, providing reliable performance across air, land, and maritime environments. Its compact design, low weight (under 285 g), and ergonomic design make it ideal for extended use with minimal fatigue. ■

MINIMON



MINIMON



Multi-Functional Lightweight Mini-Monocular



Lightweight

ADVANTAGES AND BENEFITS:

- | Multi-functional design for head, helmet, weapon, or hand held use.
- | Wide 40° field of view for excellent situational awareness.
- | Compatible with all IR illuminators and laser pointers.
- | Integrated IR illuminator for close range operations.
- | Up to 40 hours of continuous use on a single battery.
- | Optional long range magnifier lenses (3x, 4x, 5x)
- | Rugged MIL-STD-810 construction for harsh conditions.
- | Optional waterproof version submersible to 20 m.

KEY FEATURES:

- | Magnification 1x with diopter adjustment (+2 to -6).
- | Image intensifier tube: 18 mm ANVIS GEN II+ / GEN III.
- | Focus range 25 cm to infinity with 25 mm eye relief.
- | Integrated IR illuminator for map reading.
- | Operates on 1 × CR123 or 1 × AA battery.
- | Runtime up to 40 hours continuous operation.
- | Dimensions 120 × 43 × 66 mm / Weight < 285 g.
- | Complies with MIL-STD-810; optional 20 m waterproof version.

IIT INTEGRATED



FLIP-UP AND SIDE-FLIP



WEAPON MOUNTABLE



MIL-STD



LIGHTWEIGHT



BOXER™

The Boxer is a compact, bi-ocular night vision system that delivers high resolution, dual eye imaging in a lightweight, rugged housing for professional tactical operations.

Boxer is a versatile night vision bi-ocular designed to provide bright, high resolution imagery to both eyes using a single 18 mm image intensifier tube. It combines excellent visual performance with reduced size and weight, making it one of the lightest and most durable systems in its class.

The system can be operated hand held or mounted on the head or helmet for hands free use. Its adjustable head-mount interface allows vertical and horizontal positioning for maximum comfort. Boxer automatically shuts off when flipped up out of the user's line of sight to prevent accidental light emission and resumes operation when returned to the viewing position.

An integrated IR illuminator supports map reading and navigation in total darkness or confined environments such as caves or buildings. The Boxer is compatible with all types of IR illuminators and laser pointers, allowing seamless integration into existing night vision setups.

Powered by two AA batteries, the system provides more than 60 hours of continuous operation. Optional clip-on magnifiers (3x, 4x and 5x) extend observation range for long-distance surveillance and reconnaissance.

Built and tested to MIL-STD-810, Boxer performs reliably under harsh combat and environmental conditions. Its ergonomic 500g design makes it ideal for extended missions where comfort, stability, and endurance are essential. ■



BOXER



BOXER



Night Vision Biocular



Flip-Up Mechanism

ADVANTAGES AND BENEFITS:

- | Provides bright, high resolution imaging for both eyes using a single tube.
- | Lightweight, compact design ideal for prolonged missions.
- | Supports hand-held, head-mounted, or helmet-mounted configurations.
- | Automatic flip-up ON/OFF for safety and power efficiency.
- | Integrated IR illuminator for navigation and map reading.
- | Compatible with weapon mounted IR and laser devices.
- | Long operating time exceeding 60 hours on standard batteries.
- | Proven durability, fully MIL-STD-810 qualified.

KEY FEATURES:

- | 1x magnification with 40° field of view.
- | Optional 3x, 4x, 5x clip-on magnifier lenses.
- | Focus range from 25 cm to infinity.
- | Diopter adjustment (-2 to +6) and interpupillary distance control.
- | Built-in IR illuminator with high light protection sensor.
- | In-FOV low battery and IR active indicators in distinct colors.
- | Powered by 2 × AA or 1 × 3.6 V battery with > 60 hours operation.
- | Weights 500 g, designed and tested to MIL-STD-810.

IIT INTEGRATED



FLIP-UP MECHANISM



OBSERVATION DEVICE



ENERGY EFFICIENT



MIL-STD



BINIMON™

Binimon is a rugged aviator grade dual tube night vision binocular system that delivers true 3D depth perception and outstanding performance across a wide range of lighting and operational environments.



Binimon is a high performance night vision binocular purpose built for aviators and aircrew operating in demanding mission profiles. Its dual tube optical layout provides authentic 3D depth perception and enhanced situational awareness, allowing pilots and crew to interpret distance, terrain, and obstacles with greater accuracy during night operations.

Equipped with advanced 18 mm ANVIS GEN II+ or GEN III image intensifier tubes, the system delivers bright, high resolution imagery with a full 40° field of view. Each eyepiece provides a comfortable 25 mm eye relief, and individual interpupillary adjustment ensures a precise fit for any user. The ergonomic mechanical design incorporates multi directional adjustments, enabling optimal positioning on various aviator helmets.

Binimon is compatible with most rotary wing helmet mounting interfaces. It includes a flip-up mechanism that automatically removes the binocular from the field of view, allowing pilots to switch to unaided vision instantly. Fitted with appropriate objective filters for operation across different cockpit lighting environments.

With a rugged metal construction and MIL-STD-810 environmental compliance, Binimon is engineered for reliability in harsh conditions. It delivers up to 25 hours of continuous use using two standard AA batteries (alkaline or lithium), making it suitable for long duration sorties. The lightweight design, under 570g, reduces fatigue and supports extended mission comfort for both military and civilian pilots. ■

BINIMON



BINIMON

 Observation Device

ADVANTAGES AND BENEFITS:

- | Dual tube binocular design provides true 3D depth perception.
- | Bright, high-quality imaging with 40° field of view.
- | Multi directional ergonomic adjustment for optimal helmet mounting.
- | Compatible with a wide range of aviator helmets.
- | Integrated flip-up mechanism for instant transition to unaided vision.
- | Long runtime with standard AA batteries for extended missions.
- | Rugged metal construction for challenging flight environments.
- | Fully MIL-STD-810 qualified for shock, temperature, and vibration resistance.

KEY FEATURES:

- | Magnification 1x with 40° field of view.
- | Focus range from 25 cm to infinity.
- | Diopter adjustment from +2 to -6.
- | Interpupillary adjustment 52 to 72 mm
- | Eye relief 25 mm.
- | Integrated IR illuminator (≈ 3 m range).
- | 18mm ANVIS GEN II+ or GEN III image intensifier tubes.
- | Powered by 2 × AA batteries with up to 25 hours operation.
- | Weight under 570g; dimensions 127 × 125 × 55 mm.
- | Complies with MIL-STD-810.

IIT INTEGRATED



OBSERVATION DEVICE



FLIP-UP MECHANISM



QUICK DETACH SAFETY MECHANISM



MIL-STD











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