

MEPROLIGHT LTD.

MEPRO M21 -Self-illuminated reflex sight

The battle-proven MEPRO M21 is a maintenance-free, dual-illuminated, "red dot" reflex sight especially designed for quick and instinctive accurate shooting. Developed for the IDF, this advanced optical sight is perfect while on the move in close-quarters where the use of both eyes is critical.



MEPRO M21 provides instant aiming for all ambient lighting conditions without using batteries. Illumination of the aiming dot is achieved by a fiber optic light collection system during the day and by a miniature self-powered tritium light source at night. Transition between the two lighting systems is instantaneous and automatic to assure good contrast between the aiming dot and the target area.

The unique light collection system features fiber optic collectors on both the top and front surfaces to gather more light when shooting from within a dark enclosed area towards a bright target.

The MEPRO M21 Features:

- No Batteries - No Switches - Always Ready for Action
 - Daytime confidence under low light conditions
 - Totally integrated day/night operation
 - Quick shooting in urban areas
 - Rapid target acquisition
 - Large Field-of-View
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MEPRO MOR - Multi-purpose day & night reflex sight with integrated laser pointers

The right solution for both military forces and law-enforcement agencies when ruggedness and reliability are needed. Shoot faster than ever with both eyes open.



Battle-proven MEPRO MOR is a highly versatile multi-purpose "red-dot" reflex sight with integrated laser pointers especially designed for quick and instinctive accurate firing.

Developed according to IDF requirements, MEPRO MOR is designed with a 30 mm diameter lens to assure a rapid target acquisition with one or both eyes open and rapid transition between long-range and close quarters engagements. Fail-safe day & night operation is guaranteed by using light-gathering fiber-optics and GTLS illumination.

The sight is always ready for action even if turned off or without batteries.

MEPRO MOR's large field-of-view and integrated laser pointers assure effective use while under stressful combat conditions and with extreme physical strain.

A unique design featuring a single boresighting mechanism for all its aiming devices enables a simple zeroing process that can be easily performed day or night as may be required.

The MEPRO MOR features an all-in-one aiming system including:

- Passive reflex dot – self-illuminated, no batteries needed
 - Active reflex dot – extra bright LED illumination for special conditions
 - Red Laser pointer - for urban warfare or close quarters battle (CQB)
 - IR laser pointer – for covert night operations
 - Single zeroing mechanism – one zeroing process for all aiming devices
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MEPRO M5 - Lightweight red dot weapon sight

The MEPRO M5 Red-Dot Sight is an energy-efficient, compact sight that provides thousands of operating hours while utilizing a single “AA” commercial battery. Featuring battle-proven LED technology and rugged MILSTD design, the sight assures reliability under the harshest environmental conditions.



With its large display window and clearly-defined Red-Dot, the MEPRO M5 ensures rapid target acquisition with both eyes open. Offering four easily switchable reticle brightness intensities, the MEPRO M5 fits every tactical scenario.

To facilitate night operations and long-range target engagement the MEPRO M5 is compatible with GEN II and GEN III NVGs as well as with Magnifying Scopes. Its human-engineering allows positioning of NVGs and Magnifiers close to the sight’s optics with no decrease in the field-of-view and without compromising convenient switch operation.

The MEPRO M5 features:

- Large display window for rapid target acquisition
 - Numerous distinct reticle brightness levels for different tactical scenarios
 - Auto shut-off for low power consumption, low battery indicator
 - Compatible NVGs & magnifying scopes
 - Integral picatinny rail adaptor
 - MIL-STD qualified
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MEPRO X4 - Optical Rifle Sight with x4 magnification

MEPRO X4 has been designed to best fit the specific requirements of sharp-shooters. The sight features high quality optics providing clear and distortion-free aiming in any tactical conditions. A large field-of-view and an eye-relief allow easier and faster target acquisition and increased situational awareness while aiming.



The sight's reticle features ballistic compensation markings for bullet drop offset. For low-light and night operations the MEPRO X4 reticle features battery-powered red-color illumination with numerous user selectable brightness levels. To prevent unnecessary battery power loss, the system includes a power-saving mechanism that turns power off automatically after a preset time.

The MEPRO X4 features:

- Wide field of view
 - Safe eye relief
 - Compact and lightweight
 - Custom made reticle
 - Numerous brightness levels for different tactical scenarios
 - Operates on a single battery
 - Auto shut-off feature
 - Quick release picatinny adaptor
 - Fully adapted for MEPRO XT4 clip-on
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MEPRO MX3 - x3 Magnifying Scope

Keeping with our long standing tradition of providing the best tactical equipment possible, Meprolight has developed a lightweight, compact scope designed to accurately and economically improve the shooter's capability. This scope has x3 magnification to enhance the precision and effectiveness of reflex sights such as MEPRO 21 and MEPRO MOR by extending the shooting range without re-zeroing the sights. Featuring high reliability and simplicity of use that has become Meprolight trademark, this scope attaches to any standard MIL-STD-1913 Rail, behind a reflex sight, by means of a quick release adapter.



The MX3 features:

- No zeroing require
- Attaches to weapon's standard MIL-STD-1913 Rail
- Wide field of view – enables rapid target acquisition
- Increases the effective range of reflex sight
- Compact, lightweight and rugged
- Simple to attach - Doesn't interfere with firing
- MIL-STD-810 qualified

MEPRO GLS -Self – illuminated optical sight for 40mm grenade launchers

MEPRO GLS has been designed for upgrading the capabilities of the widely used 40mm grenade launcher from high-power but low-accuracy weapon to an easy-to-use day & night solution with very good first-hit probability chances.

As well as other brands of grenade launchers it has been employed worldwide for many decades. Installed on assault rifles, they provide fire power against light armor and infantry targets to ranges of more than 350-400 meters. However, experience has shown that even after extensive training, achieving reasonable accuracy when utilizing standard iron sights is only possible during daylight hours while night firing is practically impossible even at relatively close ranges.

Meprolight has resolved these serious tactical limitations by developing MEPRO GLS - a unique optical sight designed to efficiently operate day and night under all lighting and weather conditions.

The sight is dual-illuminated by both a fiber-optic light collector for daylight hours and a tritium light source during night time. Illumination level is automatically adjusted based on external ambient lighting. MEPRO GLS operates for 5-8 years without the use of batteries or any other external source of power.

Achieving reasonable accuracy – day or night – is no longer a problem; aim with both eyes open, simply superimpose the illuminated dot visible in the sight's windows onto the target and shoot.

This light-weight and compact unit easily mounts onto various top and side weapon rails.



The MEPRO GLS features:

- Rapid target acquisition - High First Hit Probability
- Built-in drift compensation
- No batteries - No switches - Always ready for action
- Numerous mounting options
- Compact & lightweight

MEPRO LHP2000 - Light Hand Held Periscope

MEPRO LHP2000 light hand-held periscope is specially designed for observations, surveillance and reconnaissance from hidden positions. Rapidly deployed from its folded state, MEPRO LHP2000 over-the-corner viewing system enables the user to observe targets without being discovered. The LHP2000 is compact and light weight, assuring high mobility.

When folded, MEPRO LHP2000 allows storage and easy transport in a compact carrying bag. To use it, the soldier removes MEPRO LHP2000 from its carrying bag, and simply unfolds and locks the periscope's segments with an integrated quick locking ring. MEPRO LHP2000 is ready for use in seconds. Special built-in mounts as well as optional accessories support observation with night vision systems, video viewing, and tripod positioning. Laser protection and an Anti-Reflection Device (ARD) are also available.



The MEPRO LHP2000 features:

- Battle-proven system for hidden and safe observation
 - Lightweight and compact for personal carrying
 - Rapid deployment and folding
 - x3 magnification
 - Mil-STD qualified
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MEPRO MESLAS - Sniper's Fire-Control Riflescope x10 with Fully Integrated Laser Rangefinder

MEPRO MESLAS Fire Control Riflescope is aimed at automating part of snipers' tasks thus enabling faster and more efficient target engagement as well as rapid transition between multiple targets; in addition, the built-in LRF, provides snipers with an independent capability to measure target's range thus reduces spotter's workload and spotter-sniper communication needs.



MEPRO MESLAS provides its users with a seamless range, aim, and shoot capability; while observing any selected target, a simple press on the LRF's remote control cable will result in an instant vertical repositioning of the illuminated aiming dot based on the applicable pre-selected ballistic table containing weapon & ammunition data and measured target's range. Before shooting the sniper will only need to factor-in atmospheric conditions and in case of moving targets, target's speed offset.

The leveling indicator available in the scope's field-of-view enables the sniper to engage the target while the weapon is vertical thus ensuring ballistic trajectory is not affected by an accidental weapon tilt.

MEPRO MESLAS features:

- Compact Fire Control System
 - Eye-safe laser rangefinder
 - Invisible to night vision devices
 - Measures distances and elevation angles
 - Durable to all environmental conditions
 - Integral Picatinny rail adapter
 - Low-battery Indicator
 - MIL-STD qualified
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MEPRO STING - Dual Wavelength Laser Pointer

MEPRO STING is a state-of-the-art dual wavelength laser target designator emitting infrared or red laser beam, projecting a dot on the target. MEPRO STING provides shooting capabilities without the need to look through the rifle's sight: an internal electronic system projects a red or infrared laser beam onto the target, operated by internal electronic system. Transition between the two beams is fully controlled by the shooter.



MEPRO STING is uniquely equipped with picatinny adapter which can be easily used on right or left side of the weapon, per user's need. MEPRO STING is the reliable choice: Designed and fabricated to the highest military standards to assure years of reliable operation under all field conditions.

MEPRO STING features:

- Red Laser Designator - for urban or close quarters
- Infra-Red Laser Designator - for covert operations
- Adjustment mechanism - Clicker, for both elevation and deflection
- Lightweight & reliable

MEPRO MINI-HUNTER – Lightweight night vision weapon sight

The Mini-Hunter is a compact and lightweight (less than 400 grams) monocular night vision weapon sight. The system's modular design featuring a monocular with a built-in reticle combined with a separate zeroing module equipped with a standard Picatinny mount which allows convenient dual use as both a stand-alone weapon system and an observation device.



The Mini-Hunter's external zeroing mechanism allows fast mounting and dismounting of the system from the weapon platform using a quick-release mechanism without compromising its zeroing.

The sight's x2 magnification allows for efficient target acquisition at ranges applicable to assault rifles and light machine guns. The sight is powered by a single, commercially available "AA" type battery allowing up to 40 hours of continuous operation.

MEPRO HUNTER 4X/6X -Sniper's Night Vision Weapon Sight with x4 or x6 magnification.



MEPRO HUNTER 4X



MEPRO HUNTER 6X

Sniper's Night Vision Weapon Sight with x4 or x6 magnification.

Responding to Special Operations Unit's needs, the MEPRO Hunter sights provide a new dimension in night operations when efficient target acquisition and accurate shooting count. MEPRO 4X is especially suited for short to medium ranges, while the 6X is suitable for longer ranges and for sniper operations.

Both models feature illuminated reticles, have adjustable brightness to assure superb contrast against both light and dark targets, and, are compatible with both GEN II and GEN III Image Intensification Tubes.

Whether the mission calls for surveillance or for a battle, the sight provides the perfect solution for effective operations under low light and night conditions.

MEPRO HUNTER 4X/6X features:

- Available in x4 or x6 magnification configurations
 - Compatible with GEN II or GEN III tubes
 - Conveniently positioned and user-friendly controls
 - Adjustable objective focus and eyepiece diopter
 - Continuous reticle intensity control adjustment
 - Rugged Aluminum housing
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MEPTO LIOR 4X or 7X

High-Performance Mini-Night Vision Sight Series.

The **MEPRO LI-OR** series of weapon sights is compact, lightweight and easy to operate. Versatile and reliable MEPRO LI-OR sights enhance sharpshooter and sniper performance in open-terrain and in urban night operations; the sights are mountable on a wide variety of weapon platforms.

The MEPRO LI-OR can be supplied with any standard high-quality 18mm image intensifier tube ensuring superior imaging quality under low-light and night conditions.

The systems are available with x4 or x7 magnification and include an illuminated red open-cross or mil-dot reticle. The sights reticle includes variable brightness illumination (red color) but unlike most standard night vision sights, the LI-OR's reticle is visible even when reticle illumination is turned off or malfunctions thus providing the user with additional reliability.

Both the azimuth and elevation boresighting knobs are equipped with a safety locking mechanism.

The sights feature a remote switch cable; allowing the user to rapidly turn the sight ON or OFF without removing the hands from the weapon. The sight is powered with a single "AA" commercial battery simplifying logistics and reducing life-cycle-cost; low battery indication in field-of-view ensures the user is always aware of system's status.



MEPRO LIOR features:

- Fully compatible with 18mm ANVIS type GEN II+ or GEN III
 - Lightweight, rugged and compact configuration
 - Reticle brightness adjustment
 - Remote control cable for rapid sight activation
 - Locking mechanism for elevation and azimuth adjustment MIL-STD 810
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MEPRO MINIMON (L) - Multi-Functional Lightweight Mini-Monocular

The compact and lightweight **MEPRO MINIMON (L)** fully meets the diverse requirements characterizing night operations in harsh tactical and environmental conditions including special naval operations requiring submersion to a depth of up to 20 meters.



Based on the proven monocular operation concept, equipped with a 40° field-of-view and a large eye-relief, the system provides exceptional night vision imagery while allowing the user to maintain full situational awareness with unaided eye. Utilizing a standard high-quality 18mm image intensifying tube and featuring a modular design it can be used in head-mounted, helmet-mounted, weapon-mounted or hand-held configurations.

The system's integrated IR illuminator enables easy map reading as well as operations in confined and completely dark environments such as caves or closed quarters.

The MINIMON (L) is compatible with all IR illumination and laser pointers; while weapon-mounted in tandem behind a day "red-dot" sight it can be converted into an efficient night vision sight.

MEPRO MINIMON L features:

- Extremely lightweight
 - Fully compatible with 18mm ANVIS type GEN II+ or GEN III
 - Multi-functional; head and helmet mounted or hand-held
 - Magnifier lens x3, x4, x5 (optional)
 - Operates with 1x CR123 (1x AA battery - optional)
 - Submersible to 20 m (optional)
 - MIL-STD 810
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MEPRO BINIMON (A) - Aviator's Night Vision System

The **MEPRO BINIMON (A)** night vision binocular provides the user with depth perception (3D viewing) and delivers outstanding performance under a wide range of lighting and environmental conditions.

Collaboration with various air crews during system development has resulted in an ergonomic The binocular is a rugged and metal-constructed, yet a lightweight system compatible with all commercially available 18mm image intensifier tube technologies.



The system fits most aviator helmet visors and can be used in either fixed or rotary wing aircraft. The BINIMON (A) is also compatible with heads-up displays (HUD). All cockpit display types can be properly viewed using one of the available A,B,C class or 645nm objective filters.

The MEPRO BINIMON (A) features individual interpupillary adjustment for convenient fitting of the system's eyepieces to each eye, its 25mm eye-relief ensures consistent high quality imagery with full 40° field-of-view regardless of exact eyepiece positioning. The system includes an easy-to-use flip-up mechanism, so when unaided viewing is necessary it can be quickly removed from the field-of-view.

MEPRO BINIMON A features:

- Dual-tube night vision binocular providing depth perception (3D viewing)
 - Rugged construction
 - Innovative ergonomic design with multi-directional adjustment
 - Compatible with various types of aviator's helmets
 - Designed for both military and civilian applications
 - MIL-STD 810
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MEPRO BINIMON (G) - Infantry

Night Vision binocular

MEPRO BINIMON G is a dual-channel, multi-purpose night vision binocular uniquely designed to meet the requirements of diverse ground and sea operations in which depth perception is vital. The binocular is suitable for any nighttime operations.



The MEPRO BINIMON G is ideal for urban and armored vehicle drivers, commanders or gunners. Due to its extremely small, lightweight binocular, it can be used in head-mounted, helmet-mounted, or hand-held configurations.

The MEPRO BINIMON G is equipped with x1 magnification, a wide Field of View (FOV) and a 25mm eye-relief eyepiece that provides constant, high-quality imagery.

- Rugged construction
- Innovative ergonomic design with multi-directional adjustment
- Extended operation time
- Compatible with all standard combat helmets
- Compatible with all commercially available II tubes
- MIL-STD 810 qualified

MEPRO NOA NYX - Lightweight uncooled thermal weapon sight

Equipped with a wide FOV for mid-ranges weapons, the MEPRO NOA NYX guarantees high-quality observation and precision target engagement. Featuring a proven high-resolution microbolometer technology, using 640x480 or 320x240 detectors with 17 μ or 25 μ pixel size. The thermal sight enables efficient day & night operations in low-light conditions, dust & smoke scenarios, and in complete darkness common in CQB.

This versatile MEPRO NOA NYX is provided in a compact, lightweight and durable enclosure, minimizing weapon load and ensuring convenient and reliable operation at all times. Advanced power saving capabilities based on a motion sensor combined with utilization of four commercially available “AA” batteries considerably reduce sight’s Life Cycle Costs (LCC).



The MEPRO NOA NYX features:

- Lightweight and Compact dimensions
- Supporting 384x288 and 640x480 microbolometer cores (17 μ and 25 μ)
- Three user-selectable reticle types
- Rapid start-up time
- Utilizes four commercially available “AA” batteries
- Capture and storage of still images with PC download option
- Video-out with full overlay for command & control
- Versatile weapon-mounted or hand-held design
- MIL-STD-810G