



MVO™

Professional Riflescope


MEPROLIGHT®
SK GROUP MEMBER



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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. ■

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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





Meprolight (1990) LTD

Or-Akiva Industrial Park, P.O Box 26, 4 Hahadas St, 3065001, Israel

Tel: +972 4 6244111 | E-mail: sales@meprolight.com | Website: www.meprolight.com

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