Model EOLAD
SEE PG 7

Key features of the new EOLAD
- Single battery source and mount for operation of both 552 and Laser Aiming Device
- Low power mode (Laser Class I), for safe force-on-force training
- Activation and low battery indicator light
- Fully adjustable windage and elevation
- Momentary remote cable pressure pad switch and integrated momentary activation switch
- 10” remote cable pressure pad switch
- Optical pattern generators (2H, 2 SOCOM and 2L models only)

Please visit our newly updated and revised website at www.L-3com/eotech
Models 511.Mossy Oak & 511.Realtree

Key features of the new 511.MO and 511.RT
• Same great features as the original 511.A65, Standard reticle pattern
• Engage targets and moving game faster and easier
• Pick between Realtree Hardwoods HD® or Mossy Oak Obsession®
• Ideal for use on your slug gun, muzzle loader or bow/crossbow

Model 555.A65
Key features of the new 555
• Produced under contract for the US Marine Corps
• Same benefits of the model 553, but uses AA battery instead of 123 Lithium
• Uses ARMS® Throw Levers ® for mounting to MIL-STD-1913 rail
• Night vision compatible

Model 516.A65 & 556.A65
Key features of the new 556/516
• Same side button interface and rail mount as the 557
• Uses 123 Lithium batteries
• Base design allows mounting over d-ring
• Removed base material allows mounting over d-ring
• No buttons on the back allows room for BUIS, magnifiers or NVDS
• Comes standard with the A65, circle/dot reticle
All modern U.S. fighter aircraft employ holographic heads-up display technology to meet the requirement for super fast, accurate target acquisition. This has been proven by TopGun fighter pilots throughout the world.

The HOLOGraphic Weapon Sight (HWS) is the 1st electro-optic sighting system to apply holographic technology to small and medium sized weapon platforms. When used in Close Quarter Battle (CQB) environments, this revolutionary weapon optic delivers amazing speed and accuracy gains, un-compromising use of peripheral vision, leaves no muzzle side operator signature and is packaged in a compact, durable unit.

Now deployed with elite Special Forces and SWAT teams the world over, the HWS delivers vastly improved shooting performance for all levels of operators.

THE MAGIC OF HOLOGRAPHY
In holography, all the information required to reconstruct the reticle image is recorded everywhere in the Heads-Up Display window. If the window is obstructed by mud, snow, rain, etc., the HWS remains fully operational, with point of aim/impact being maintained. Even in such extreme cases where the front window is shattered, the HWS is fully functional and the zero is maintained! As long as the operator can see through any portion of the window, the entire reticle pattern is visible on target. The operator can still engage with confidence!

THE REAL LIFE STORY
A case in point is a recent occurrence with a US Federal law enforcement agency. An operator took an in-coming training round (orange paint) during a firefight engagement in a shoot house. The training round smashed the HWS’s front window upon impact. The operator had no idea he was hit because he saw the holographic reticle clearly and continued through his course of fire. He engaged all targets perfectly without any change to point of impact. Needless to say, all the operators training that day were in awe.
Multiple threats are a given in tactical situations. The retention of peripheral vision is critical for threat ID and situational awareness. Engagement with 2 eyes open is a must.

The HWS employs a true Heads-Up Display that eliminates blind spots, constricted vision, or the tunnel vision associated with tubed sights. All user controls are flush to the HWS’s streamlined housing with no protruding knobs, battery compartments or mounting rings that block the shooters vision of the target area. True, 2 eyes open shooting is realized. Instant threat identification is achieved by maximizing the operator’s peripheral vision and ultimately gaining greater control of the engagement zone. The end result - operators achieve maximum situational awareness.
Our business is to provide a global customer base with state-of-the-art, high quality optical products and systems for defense, law enforcement, homeland security, and recreational purposes.

**Core Values**

**Integrity:** We conduct business with the highest standards of ethics; developing a mutual trust with each other, customers, shareholders, suppliers and the community. Integrity is the foundation of everything we do.

**Customer Focus:** Our customers are the focus of our business. We align all business objectives with the expectations of customers. We build long term customer relationships through superior performance. We are responsive, straight-forward and committed in all dealings with customers.

**Teamwork:** We succeed through collaborative efforts directed at achieving common, defined objectives. We share information, cooperate across organizational boundaries, focus on adding value, and earn the trust of our teammates. Our people are empowered to make decisions and initiate change at all levels.

**Continuous Improvement:** We are committed to improving everything we do. The relentless pursuit of excellence drives our daily activities. We operate in an environment that encourages innovation, creativity, and a bias-for-action. We constantly challenge the status quo and meet our commitments. We develop and achieve demanding goals that are both short and long term.

**Quality:** Our goal is to be the recognized leader in our marketplace; well-known for innovation, quality, responsiveness and value. We continuously strive to be the standard by which performance is measured. We execute with facts, urgency, and decisiveness.

**Innovation:** We apply original thought, creativity, and sound business judgment to overcome obstacles, meet aggressive goals and improve products and processes. We are committed to technical and market leadership.
L-3 EOTech and Laser Devices, Inc. (LDI) have teamed up to produce the EOLAD. A standard model 552.A65 Holographic Weapon Sight (HWS) that has an integrated Laser Aiming Device running on the single battery source of the HWS.

The EOLAD combines the speed of the HWS with the power and precision of an LDI laser. This single, compact unit provides lightning fast target acquisition with pin-point accuracy and eliminates the added weight and bulk from the front of the weapon platform.

All EOLAD models are integrated on the 552.A65 HWS (see page 11 for specifications and details). The EOLAD is available in the following models:

- **EOLAD-2H**—Infrared aiming laser (835nm / 35mW) and focusable infrared illuminator (835nm / 35mW)
- **EOLAD-2 SOCOM**—Infrared aiming laser (835nm / 25mW) and focusable infrared illuminator (835nm / 100mW)
- **EOLAD-2L**—Infrared aiming laser (835nm / 1mW) and focusable infrared illuminator (835nm / 35mW)
- **EOLAD-2VI**—Visible aiming laser (635nm / 5mW) and infrared aiming laser (835nm / 1mW)
- **EOLAD-1V**—Visible aiming laser (635nm / 5mW)
- **EOLAD-1I**—Infrared aiming laser (835nm / 1mW)

This Holographic Weapon Sight is controlled under the U.S. International Traffic in Arms Regulations (ITAR) and may not be exported without proper authorization by the U.S. Department of State.
General Specifications For All Models

Operation
- Optics: Holography – 100% parallax free
- Magnification: 1x
- Eye Relief: Unlimited
- Temperature: -40° to 150° F
- Sealing: Internally fog-proofed optics
- Adjustment (per click): 0.5 MOA (1/2” at 100 yds)
- Adjustment Range: +/- 40 MOA travel

Heads-Up-Display Window
- Optical Surfaces: Anti-reflective coating
- Window Dimensions: 1.20” x 0.85” (30 x 23mm)
- Front Window Material: 1/8” solid glass
- Rear Window Material: Shatter resistant laminate (3/16” thick)
- Field of View (100 yds): 30 yds (28m) at a 4” eye relief
- Standard Reticle: 85MOA circle with quadrant ticks with 1 MOA aiming dot

Electrical
- Brightness Adjustment Range: Brightness Adjustment Range: Normal Mode 110,000:1 over 20 settings. For models with Night Vision Mode 1,000:1 over 10 settings, and a total range of greater than 30,000,000:1
- Brightness Settings: 30 settings with scrolling feature (10 settings for NV use)
- Auto Battery Check Indicator: Flashing reticle upon start-up
- Auto Shut-down: At 8 hrs - programmable to 4 hrs

Optics:
- Holography – 100% parallax free
- Magnification: 1x
- Temperature: -40° to 150° F
- Sealing: Internally fog-proofed optics
- Adjustment (per click): 0.5 MOA (1/2” at 100 yds)
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- Standard Reticle: 85MOA circle with quadrant ticks with 1 MOA aiming dot

Electrical
- Brightness Adjustment Range: Brightness Adjustment Range: Normal Mode 110,000:1 over 20 settings. For models with Night Vision Mode 1,000:1 over 10 settings, and a total range of greater than 30,000,000:1
- Brightness Settings: 30 settings with scrolling feature (10 settings for NV use)
- Auto Battery Check Indicator: Flashing reticle upon start-up
- Auto Shut-down: At 8 hrs - programmable to 4 hrs
Order Code: 553.A65/1
Length/Width/Height: 4.9"x1.8"x2.8" (124x46x71 mm)
Weight: 12.3 oz
Waterproof: Submersible to 66 ft depth
Color/Finish: Flat Dark Earth (non-reflective black on some small components) or Non reflective black with hard coat finish
Mount: USSOCOM requirements dictated dual quick release throw levers designed specifically for the Picatinny (mil-std-1913) mounting rail
- Certain commercial variants of the mil-std-1913 rail specification may not be compatible with the Model 553 mounting assembly
- Model 553 bases consist of (2) ARMS® throw levers and is only adaptable to rails that properly accept the ARMS® design
Return to Zero: Repeatable to 1 MOA after re-mounting
Night Vision Brightness Range:
1,000:1 with NV switch engaged
Power Source: 2 x 123 lithium batteries
Battery Life: 1100 continuous hours at nominal setting 12
NSN: 1240-01-533-0941

After extensive testing of various optical sights, US Special Operations Command has standardized on the HWS as its 1X weapon optic for close quarter, urban combat zones. To meet the stringent requirements set and demanded by our elite fighting forces, L-3 EOTech has developed the SU-231/PEQ (Model 553), modeled after the ever popular, battle proven HWS design. The SU-231/PEQ (Model 553) incorporates many additional features required within the SOPMOD Block 2 program.

- Dual quick-release throw levers for instant attachment
- Powered by two 123 Lithium batteries, allowing cross application with other electronic gear
- 7mm (1/4") higher than the standard 552 height to provide an operator a consistent cheek weld with all other standardized optics
- 66 feet (2ATM) water submersibility
- Battery cap tether to avoid loss in the field

Now, our elite U.S. Special Forces will deploy using the elite in close combat optics...Only the best for the best
**MODEL 556**

Order Code: 556.A65/1  
Length/Width/Height: 5.1"x2.1"x2.8" (130x53x71mm)  
Weight: 11.9 oz (372 grams)  
Waterproof: Submersible to 33 ft depth  
Color/Finish: Non-reflective black with hard coat finish  
Mount: 1" (MIL-STD-1913) rail  
Return to Zero: Repeatable to 1 MOA after re-mounting  
Night Vision Brightness Range: 1000:1 with NV switch engaged  
Power Source: 2 x 123 lithium batteries  
Battery Life: 1,100 continuous hours at nominal setting 12  

The 556 is destined to become the most popular HWS in use. It is a deviation from the 557 and offers the battle tested 65 MOA circle/1 MOA dot reticle. Its side button operation offers quick brightness adjustments and it is powered by the ever popular Lithium 123 batteries. The mounting base has been designed to clear the delta ring and handguard of an M4, reducing the rail space needed for mounting. Utilizing only 3.2 inches of rail space, the 556 requires less rail than the small N Battery HWS units. This is ideal for use with magnification or night vision and preserves adequate rail space for a rear back up iron sight.

**MODEL 555**

Order Code: 555.A65/1  
Length/Width/Height: 5.70"x1.8"x2.8" (145x46x71mm)  
Weight: 13.6 oz (386 grams)  
Waterproof: Submersible to 33 ft depth  
Color/Finish: Non-reflective black with hard coat finish  
Mount: Dual quick release throw levers designed specifically for the (MIL-STD-1913) mounting rail:  
- Certain commercial variants of the MIL-STD-1913 rail specification may not be compatible with the 555.A65/1 mounting assembly  
- The 555.A65/1 base consists of (2) ARMS® throw levers and is only adaptable to rails that properly accept the ARMS® design  
Return to Zero: Repeatable to 1 MOA after re-mounting  
Night Vision Brightness Range: 1000:1 with NV switch engaged  
Power Source: 2x 1.5V AA batteries (supports lithium, alkaline, or rechargeable)  
Battery Life: 1,000 continuous hours (lithium) at nominal setting 12; 600 continuous with AA alkaline

Built under contract for the United States Marine Corps, the 555 is based on the design of the hugely successful 553. The 555 includes nearly all of the features of the 553 but uses a AA battery power source and is only offered in the non-reflective black anodizing.

This Holographic Weapon Sight is controlled under the U.S. International Traffic in Arms Regulations (ITAR) and may not be exported without proper authorization by the U.S. Department of State.
**Model 552**

**Order Code:** 552.A65/1  
**Length/Width/Height:** 5”x1.8”x2.25” (127x46x57mm)  
**Weight:** 11.5 oz (326 grams)  
**Waterproof:** Submersible to 33 ft depth  
**Color/Finish:** Non reflective black with hard coat finish  
**Mount:** MIL-STD-1913 rail  
**Return to Zero:** Repeatable to 1 MOA after re-mounting  
**Night Vision Brightness Range:** 1,000:1 with NV switch engaged  
**Power Source:** 2x 1.5V AA batteries (supports lithium, alkaline, or rechargeable)  
**Battery Life:** 1,000 continuous hours (lithium) at nominal setting 12; 600 continuous with AA alkaline  
**Reticle Options:** 65 MOA, Single 1 MOA aiming dot, XR500, XR308

Standardized by the DEA, ATF, and FBI SWAT, the Model 552 is by far the most popular HWS model. This NV compatible, AA battery model is the sight of choice by military units like Stryker Brigade, 10th Mountain, and 3rd Infantry. It is battle proven to withstand the abuse that any harsh environment, high powered weapon platform, or military mission can dish out.

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**Model 551**

**Order Code:** 551.A65/1  
**Length/Width/Height:** 4”x1.8”x2.25” (102x49x60 mm)  
**Weight:** 8.8 oz (250 grams)  
**Waterproof:** Submersible to 33 ft depth  
**Color/Finish:** Non reflective black with hard coat finish  
**Mount:** (MIL-STD-1913) rail  
**Return to Zero:** Repeatable to 2 MOA after re-mounting  
**Night Vision Brightness Range:** 1,000:1 with NV switch engaged  
**Power Source:** 2x N type 1.5V alkaline batteries  
**Battery Life:** 200 continuous hours at nominal setting 12

A lighter, smaller version of the Model 552, the Model 551 offers the same durability and function, but in a more compact unit. At 4 inches in length, this sight takes up less valuable rail space, leaving more room for a rear iron sight or NV mount.
**MODEL 516**

Order Code: 516.A65/1  
Length/Width/Height: 5.1"x2.1"x2.8" (130x53x71mm)  
Weight: 11.9 oz (372 grams)  
Waterproof: Submersible to 33 ft depth  
Color/Finish: Non-reflective black with hard coat finish  
Mount: 1" (MIL-STD-1913) rail  
Return to Zero: Repeatable to 1 MOA after re-mounting  
No Night Vision Compatibility.  
Power Source: (2) 3.0V Lithium 123 batteries  
Battery Life: 1,100 continuous hours at nominal setting 12

The 516 offers all of the features of the 556, but without the NV capability. Utilizing only 3.2 inches of rail space, the 516 requires less rail than the small N Battery HWS units. This more affordable unit is perfect for agencies that wish to utilize magnification while maintaining back up iron sights, but without the need for Night Vision Compatibility.

*This Holographic Weapon Sight is controlled under the U.S. International Traffic in Arms Regulations (ITAR) and may not be exported without proper authorization by the U.S. Department of State.*

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**MODEL 512**

Order Code: 512.A65/1  
Length/Width/Height: 5"x1.8"x2.25" (127x46x57mm)  
Weight: 11.5 oz (326 grams)  
Waterproof: Submersible to 10 ft depth  
Color/Finish: Non reflective black with hard coat finish  
Mount: (MIL-STD-1913) rail  
Return to Zero: Repeatable to 1 MOA after re-mounting  
No Night Vision Compatibility  
Power Source: 2x 1.5V AA batteries (supports lithium, alkaline, or rechargeable)  
Battery Life: 1,000 continuous hours (lithium) at nominal setting 12; 600 continuous with AA alkaline

The Model 512 is fast becoming the most popular model HWS. This tactical optic is perfect for agencies that want the best in CQB speed and versatility, without the need for night vision compatibility.
The Model 511 is the economical solution that sacrifices very little. It includes many of the bells and whistles the HWS is known for. Its smaller, lighter design is perfect for tactical environments, hunting game, or knocking down targets at a more affordable price point.

Order Code: 511.A65/1
Length/Width/Height: 4"x1.8"x2.25" (145x46x71mm)
Weight: 8.8 oz (250 grams)
Waterproof: Submersible to 10 ft depth
Color/Finish: Non reflective black with hard coat finish
Mount: (MIL-STD-1913) rail
Return to Zero: Repeatable to 2 MOA after re-mounting
No Night Vision Compatibility
Power Source: 2x N type 1.5V alkaline batteries
Battery Life: 200 continuous hours at nominal setting 12
Reticule Options: 65 MOA, Single 1 MOA aiming dot, Special less lethal pattern for Sage and FN

Get all of your favorite HWS features found in the model 511 with a new twist: Mossy Oak Obsession® or Real Tree Hardwoods HD® camouflage coatings. Weather putting it on your bow, slug gun, or muzzle loader, the camo 511 models will not only improve your aim, but improve your concealment, as well.

Order Code: 511.MO and 511.RT
Length/Width/Height: 4"x1.8"x2.25" (145x46x71mm)
Weight: 8.8 oz (250 grams)
Waterproof: Submersible to 10 ft depth
Color/Finish: Available in either Mossy Oak Obsession® or RealTree Hardwoods HD® Camo (non-reflective black on some small components)
Mount: (MIL-STD-1913) rail
Return to Zero: Repeatable to 2 MOA after re-mounting
No Night Vision Compatibility
Power Source: 2x N type 1.5V alkaline batteries
Battery Life: 200 continuous hours at nominal setting 12
Reticule Options: 65 MOA, Single 1 MOA aiming dot, Special less lethal pattern for Sage and FN
The new 557.AR223 has been developed to optimize the functionality of the HWS. The buttons have been moved from the back to the left side for instant access, allowing a magnifier, night vision, or a back up iron sight to fit closely to the HWS body. This new button position allows the user to operate the HWS function switches easier than ever before. Additionally, a portion of the front base has been raised to allow the sight to fit over standard hand guards found on many M-4 or M-16 style weapons.

The 557.AR223 is configured with a new ballistic matching reticle image for the M4 carbine. The battle tested circle/dot reticle will be offered along with a series of 1 MOA aiming dots that are vertically aligned and calibrated specifically for the ballistic drop of .223 caliber ammunition. The reticle provides 4 aiming dots for target distances of 0-300m, 400m, 500m, and 600m.

**Key features:**
- Vastly improved accuracy and target identification at longer distances
- Ballistic matched reticle image for .223 ammunition (M4) out to 600m
- Modified base designed to fit over standard hand guards
- Gen I-IV night vision compatibility - with or without 4X scope
- Meets stringent military specifications
- Submersible to 33 ft water depth

This Holographic Weapon Sight is controlled under the U.S. International Traffic in Arms Regulations (ITAR) and may not be exported without proper authorization by the U.S. Department of State.
Order Code: 557.4XFxD (With fixed magnifier base and quick release lever)
Order Code: 557.4XFTS (With flip-to-side magnifier base and quick release lever)

Key features:
- A complete optical system – combining a medium range scope with a CQB optic
- Instant transition to varying range situations – used in CQB, perimeter, and medium range targeting (out to 600m)
- Measurable improvement in threat identification and target recognition
- Superior accuracy for critical long range shot placements
- True point source aiming dot – covers only 1.6 inches at 600m
- Ballistically matched reticle image for .223 ammunition (M4)
- Gen I-IV night vision compatibility – with or without 4X scope
- Superior light transmission
- Wide field of view – Maintains the large rectangular field of view of the HWS

L-3 EOTech introduces the latest in our line of innovative, performance driven products designed to aid the modern day warfighter - the MPO (Multi Purpose Optic). The MPO provides a complete optical system that solves the need for medium range precision targeting and target identification, as well as rapid transition to close quarters battle (CQB) engagements where speed and peripheral vision are essential.

The MPO is configured with a new ballistic matching reticle image for the M4 carbine. The reticle provides 4 aiming dots for target distances of 0-300m, 400m, 500m, and 600m. When viewed without magnification, the 65 MOA circle and center 1 MOA aiming dot are used, ensuring precision accuracy. Only through the unique optical properties of holography, the aiming dots remain 1MOA in size, regardless of magnification (yet your target has increased in size by nearly 4x)! Precise, medium range targeting (out to 600m) can now be achieved.

Field of view is optimized by integrating high quality prisms that maintain the rectangular shaped sight picture of the HWS, and since the illuminated reticle image is imbedded within the HWS, there is no risk of losing zero when the magnifier element is taken off or re-attached. Additionally, the base of the 557 HWS has been designed to reduce the amount of rail space required to effectively mount the system, making this ideal for the M4/AR15 flat-top platform.

For the infantryman, target ranges vary in ever-changing battlefield conditions. The MPO provides a solution for engaging threats in CQB situations, then quickly transitioning to a 500m targeting or surveillance situation, and then quickly back to a 25m room clearing exercise. Instant transition is achieved through a quick Flip-to-Side (FTS) mount or optional fixed mount (FXD) that offers a simple, quick disconnect feature to remove the 4X magnifier. This durable, night vision compatible system offers wide field optical performance with superior light transmission for visibility in extreme low light conditions.

This Holographic Weapon Sight is controlled under the U.S. International Traffic in Arms Regulations (ITAR) and may not be exported without proper authorization by the U.S. Department of State.
The new 4X magnifier mounts behind the HWS and expands its capability by offering target identification and sniper type accuracy out to 600m. This high quality optic offers crystal clear viewing through extremely high light transmission, and maintains an expansive field of view by keeping the rectangular sight picture of the HWS. Now, the best sight in the world has just become better.

Due to today’s ever changing battlefield, the need to transition quickly between close quarters combat (CQB) and medium range target engagement is vital. Maintaining a precise shot at both distances is a must. This ability to transition between the two distances almost instantly and still maintain weapon accuracy is now achieved with two new magnifying optics from L-3 EOTech. Unleash the full potential of your Holographic Weapon Sight with the addition of a new L-3 EOTech 3x or 4x magnifier!

The 3X magnifier is an affordable magnified solution that will transition a fielded HWS into a lethal medium range optic. Superior light transmission and a large field of view helps this magnifier put the competition to shame. This rugged, streamlined optic offers split-second transitioning from CQB to medium range targeting.

**Magnification Fixed:** 3.25X  
**Eye Relief:** 1.65" (42mm)  
**Field of View:** 6 degrees  
**Length:** 4.3" (110mm)  
**Weight:** 6.5oz (184 grams)  
**Temperature:** -20° to 140° F  
**Waterproof:** 33 ft.  
**Sealing:** Fogproof internal optics  
**Color/Finish:** Non-reflective black with hard coat finish  
**Mount:** 34mm ring with integrated dovetail adapter for use with quick release mount

**Retrofits to all HWS models**

**FTS Mount**  
- **Length:** 1.6” (40.6mm)  
- **Height:** 1.64” (41.7mm)  
- **Weight:** 4.5oz (128 grams)  
- **Color/Finish:** Non-reflective black with hard coat finish  
- **Flip Orientation:** Ambidextrous mount to allow left or right flip  
- **Rail Interface:** Fixed Picatinny with single mounting bolt  
- **Magnifier Interface:** Retained by ARMS® throw  
- **Optical Axis Adjustment:** Horizontal and vertical adjustments within mount  
- **Works with either 3x or 4x HWS magnifier**

**FXD Mount**  
- **Length:** 1.6” (40.6mm)  
- **Height:** 1.64” (41.65mm)  
- **Weight:** 4.0 oz (113 grams)  
- **Color/Finish:** Non-reflective black with hard coat finish  
- **Flip Orientation:** Non Flip, ambidextrous mount  
- **Rail Interface:** Fixed Picatinny with single mounting bolt  
- **Magnifier Interface:** Retained by ARMS® throw  
- **Optical Axis Adjustment:** Horizontal and vertical adjustments within mount  
- **Works with either 3x or 4x HWS magnifier**

**4X Magnifier with FTS (Flip-to-Side) mount**  
- **Magnification Fixed:** 3.75X  
- **Eye Relief:** 1.65” (42mm)  
- **Field of View:** 6 x 7.5 degrees  
- **Length:** 4.6” (117mm)  
- **Weight:** 12oz (340 grams)  
- **Temperature:** -40 to 160 F  
- **Waterproof:** 33 ft.  
- **Sealing:** Fogproof internal optics  
- **Color/Finish:** Non-reflective black with hard coat finish  
- **Mount:** Integrated dovetail for use with quick detach mount

**Retrofits to all HWS models**
New Reticle Patterns

This customized reticle provides a multi purpose image that is calibrated to the specific trajectory of the M4 Carbine. The battle tested and proven circle/dot reticle is combined with a series of 1 MOA aiming dots that are vertically aligned and calibrated specifically for the ballistic drop of .223 caliber ammunition. The reticle provides 4 aiming dots (all 1 MOA in size) for target distances of 0-300m, 400m, 500m, and 600m. Available in the new model 557.AR223.

AR223

This customized reticle provides a multi purpose image that is calibrated to the specific trajectory of the M240. The center dot is used for 0-300 meters. Three additional calibrated aiming dots are for 600m, 900m and 1.2km. No matter what .308 cal platform you own, the 552.XR308 can take your speed and accuracy gains to the next level. In addition to the M240 machine gun, the sight works with other .308 platforms such as Remington 700s or AR-10 style rifles. Available in Model 552 only.

XR308

This customized reticle provides a multi purpose image that is calibrated to the specific trajectory of the .50 cal BMG round on an M2. The center dot is used for 0-300 meters. Three additional calibrated aiming dots are for 1km, 1.5km and 2km. No matter what .50 cal platform you own, the 552.XR500 can take your speed and accuracy gains to the next level. In addition to the M2 machine gun, the sight works with other .50 cal platforms such as Barrett, Cobb, and many other .50 cal rifles. Available in Model 552 only.

XR500

Other Available Reticle Patterns

In holography, virtually any image can be created as a reticle pattern in either 2 or 3 dimensions. Given sufficient volume, the HWS’s reticle patterns can be tailored to support various user requirements for a host of applications in both small arms and medium sized weapon platforms, as well as individual launching platforms. Reticule designs can be fabricated to incorporate multiple trajectory point of aim/point of impact, range assisted scales, and anti torque or cant visual indicators. Optical elements and ranging nomenclature can also be fabricated in a non-interfering optical domain of the window to assist in target ranging.

The HWS has already been successfully adapted to various less lethal launching systems and medium sized caliber machine gun weaponry. It can additionally be adapted to special weapon systems such as shoulder-fired anti-tank weapons and grenade launching weapons. With the advanced holographic technology, the HWS demonstrates its unique flexibility and adaptability to solve a number of fire control issues for a host of applications and weapon platforms well beyond small arms applications.
The night vision compatible series of sights, which includes the Model 553, Model 552, and Model 551, are fully compatible with all generation levels of night vision intensifier tubes. A special night vision (NV) setting allows the operator to immediately drop the brightness intensity of the holographic reticle to eliminate any “halo” affect while viewing through an image intensifier tube. The night vision compatible series can be positioned in tandem with night vision image intensifiers without any “bloom” of the target area. Now operators can combine the proven night vision technological advantage with a superior, close quarters weapon optic to achieve greatly enhanced weapon aiming – in complete darkness.

Unlike active IR laser pointer systems, the HWS is a passive system and emits no muzzle side signature. While in the NV mode, the HWS is undetectable against enemy night vision surveillance systems, providing operators with a stealth means for effective nighttime weapon aiming.

The night vision compatible series unique switches allow the operator to instantly drop the holographic reticle’s brightness to the NV mode of operation. The operator has the ability to toggle back and forth between the NV mode and the normal day/night operation within fractions of a second. The night vision compatible series has 10 distinct night vision settings to provide maximum flexibility to the operator. Typically, 3 to 4 brightness settings are not enough to support a host of constantly changing conditions including manufacturing variances in the sensitivities of the image intensifier tubes, varying ambient light environments, and varying light gathering sensitivities of the human eye across users. The night vision compatible series still maintains the 20 normal brightness settings for normal day/night operations.

The typical configuration is with both the monocular night vision system and the HWS mounted in tandem on the weapon’s receiver. Operators can also use the holographic reticle with head/helmet mounted monocular night vision image intensifier systems, even on a partial cheekweld on the weapon’s stock. This allows the operators added flexibility and greater versatility when deploying with night vision systems in the ever changing battlefield environments.
The HWS mounts to any universal Picatinny mounting rail (other than 553 supports 1” weaver dovetail) with an integral mounting platform for adaptation to user preferred eye relief. The HWS can interface to any standard issue M16 or M4 variant in either a fixed carry handle or flattop receiver, and with no modifications to the weapon. The M16 and M4 mounting platforms provide for the functionally critical aspect of co-witnessing the iron sights within the HWS’s Heads Up Display while maintaining the operator’s critical cheekweld position.

Various other mounting platforms are supported for the HK, UMP45, G36, the Sig 550, FN P90 or FAL, and Remington, Benelli, and Mossberg tactical shotguns.

The HWS also interfaces to a host of machine gun weapon platforms including FN’s M240, 249, the M2/M3, and Minimi. Consult our factory for non-standard mounting solutions for weaponry such as the Steyr AUG, Beretta 70/90, FAMAS, Daewoo K1/K2, IMI GALIL, AK47/MAK90 variants, etc.
L-3 EOTech Company Background

L-3 EOTech, Inc. develops and manufactures products that leverage its advanced electro-optics technologies. The advanced holographic weapons sight produced by L-3 EOTech has revolutionized electronic sighting technology and is being adopted rapidly by the elite units in the military and law enforcement agencies around the world as their preferred and standard close quater battle (CQB) optic for small arms.

L-3 Communications Corporation (L-3) is the sixth largest defense contractor in the United States and the largest in Canada. L-3 is a prime contractor in Command, Control and Communications, Intelligence, Surveillance and Reconnaissance, Simulation and Training, Aircraft Modernization and Maintenance, and Government Services. L-3 is also a major provider of homeland defense products and services, particularly in the areas of aviation, port, maritime and border security, law enforcement, first responder equipment vehicles, and crisis management.

L-3 EOTech's staff has many cumulative decades of experience in advanced optical technology, with a major emphasis in the field of holography. This expertise is geared to developing innovative solutions within the electro-optics market. L-3 EOTech is dedicated to providing feature rich, highly reliable products and services, backed with outstanding technical support.