

G1-OSM (Optical Sight Mount)

Figure 1 - GDI Improves the M14/M1A Rifle System

As a provider of high threat protective services and tactical training, GDI is uniquely positioned to identify and solve niche problems involving equipment used by operational personnel in military and law enforcement roles.

In the case of the M14/M1A Rifle Systems, GDI personnel with operational experience in US military special operations, identified and consulted on the creation of a mounting solution to leverage advanced modern optics on the M14/M1A Rifle systems. The result of that work was the G1 Optical Sight Mount (Figure 2).

Designed with the tactical operator in mind, the G1-OSM (Optical Sight Mount) provides for an unsurpassed mounting of telescopic sighting options which employ both Picatinny / MIL-STD 1913 rail and ACOG channel compatible optic interfacing.

Figure 2 - G1 Optical Sight Mount (OSM)

Utilizing a proprietary "Patent Pending" engineered design, the mount allows for the transfer and usage of all mil-spec optical sighting applications without the need for "stackable" tiered mounting solutions. By doing so, the G1 reduces weight, cost, and accuracy loss due to multiple surface contacting and mechanical failure.

Figure 3 - G1 Enabled M1A w/ Picatinny rail compatible telescopic sight

Of utmost importance, its low profile design and rearward mounting base, accommodates for an optimal precision shooting platform. Eye Relief: The G1-OSM enables the shooter to maintain the proper distance to the ocular lens of the scope - This provision is for all MIL-STD and ACOG optic interfacing.

No other optic mounting solution on the market provides this feature.

G1 LOOP-HOLE™

The G1-OSM mount provides a LOOP-HOLE™ channel which enables the shooter to obtain a clear sight picture by utilizing the existing iron sights on the M14 / M1A – without removing the mount. This look-thru feature is a critical component element for all military and LE tactical marksman, in that the shooter has the ability to obtain an alternate sight picture in the event of mechanical or electronic optical sight failure – We realize that "Murphy's Laws" are always in effect.

The G1 requires no additional removal of mechanical sighting systems currently employed and issued on the M14/M1A rifles. The unique Dove Claw, Side Hex, and Pressure Hex Locking screws, allow for a three point contact mounting interface with the M14/M1A/M21/M25 Rifle Systems.

Manufactured in the U.S.A., GDI Inc. products exceed all mil-spec standards for strength and corrosion resistance. Made from 17-4PH Stainless Steel and finished with a non-glare Mil-Spec/+ matte black finish, the G1 is exceptionally capable of handling the most critical of operational environments.

About GDI

Global Defense Initiatives, Inc. (GDI) is a US based company which provides specialized category (SPECAT) formulation and developmental manufacturing of non-commercially available equipment used by government, military, law enforcement, and protective security organizations. GDI's fully integrated capabilities address the mission essential / follow-on needs of operational communities, as well as new concept component alternatives to the small arms weapon system industry.



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(Patent Pending)
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