

# RAAM GSS™

## RAPID ACQUISITION AIMING MODULE - GRENADE SIGHTING SYSTEM



### PRODUCT OVERVIEW

The Wilcox RAAM GSS is an exportable version of the US Army selected and current production Grenadier Sighting System (NSN: 1010-01-686-8798). It has proven to increase hit probability by significantly enhancing daytime and nighttime Grenadier accuracy while simultaneously decreasing target engagement time. With this unsurpassed performance, the ergonomic design incorporates many ease-of-use features. The RAAM GSS is designed for ambidextrous (left or right hand) mounting to any MIL-STD-1913 Picatinny side rail interface affixed to assault weapon(s) or a standalone man portable Grenade Launcher. It incorporates features for the quickest and easiest boresighting to the Grenade Launcher for simplicity and maintaining high accuracy, day and night.

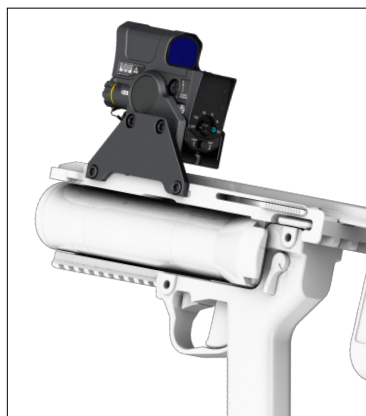
The RAAM GSS is a lightweight fire control system (FCS) that features a built-in ballistic computer providing a shooting solution for the target distance selected by the Grenadier. To tailor the point of aim and point of impact, the user selects the grenade ammunition type from the stored ballistic solutions in the RAAM GSS menu or preprogrammed 2-position switch quick ammunition selector. Pivoting the RAAM GSS sets the angle aiming references and corresponding target distance is displayed for the selected ammunition. The RAAM GSS features an environmentally-stable optical bench with integral Red Dot Sight (with back-up Iron Sight) for daytime use as well as a near infrared (NIR) aiming laser and NIR illuminator for use in conjunction with NVGs.

Approved for Public Release

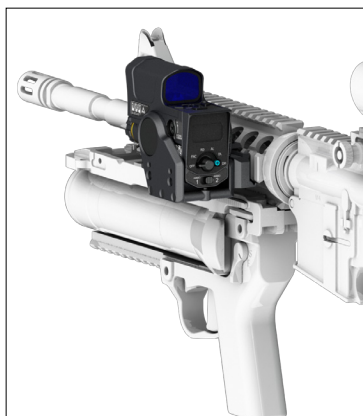


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ILLUSTRATED STANDALONE  
CONFIGURATION UTILIZING  
CENTER BRACKET



ILLUSTRATED UNDER-SLUNG  
CONFIGURATION UTILIZING  
PICATINNY RAIL



ILLUSTRATED WITH THE OPTIONAL RAAM GSS  
OPTIC SIGNATURE REDUCTION DEVICE

## FEATURES AND BENEFITS

- Unique quick and easy boresighting to Grenade Launcher
- Red Dot Sight with integral back-up Iron Sights for rapid and accurate engagements
- NIR aiming laser for rapid and accurate engagements at night
- NIR illuminator provides increased recognition at night
- Aiming references to correspond to ballistic range
- User selectable ballistic solution for ammunition
- Quick selector for two (2) pre-programmed ballistic solutions
- Environmental sensor reads temperature, pressure, and cant
- Cant Indicator for increased accuracy when firing
- Sleep mode with auto wake-up to preserve battery
- Mounts to MIL-STD-1913 rail without modification
- Battery Compartment houses one (1) AA battery
- No special tools required for installation or removal
- Easy to read OLED Display in meter increments
- Separate mount for use with standalone Grenade Launcher

## FORWARD COMPATIBILITY

- Add/store ballistic solutions for current/future ammunition\*
- Updatable firmware/software
- Interface capability with external devices for data transmission
- 0-45 degree firing angle for compatibility with current/future ammunition

\*Additional costs may apply for updated trajectory tables. Please contact Wilcox [customer service](#) for more information.

## SPECIFICATIONS

|                                    |                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------|
| Dimensions:                        | 6.61 cm W x 9.63 cm D x 9.22 cm H<br>(2.60" W x 3.79" D x 3.63" H)                                   |
| Weight:                            | <312 g (<11 oz)                                                                                      |
| Water Resistance:                  | Waterproof to 1 meter for 30 minutes                                                                 |
| Laser Type/Wavelength/Max Power**: | Red VIS Laser/640 nm/<0.7 mW<br>NIR Aiming Laser/840 nm/30 mW<br>NIR Illuminating Laser/840 nm/30 mW |

\*\*Nominal Output Power and is subject to  $\pm 10\%$  tolerance. For Laser Safety, use Nominal Output Power +20%.



WARNING - VISIBLE AND INVISIBLE LASER RADIATION  
AVOID EXPOSURE TO BEAM  
CLASS 3B LASER PRODUCT

Available Colors:      -B

| PRODUCT DESCRIPTION                                 | PART NUMBER |
|-----------------------------------------------------|-------------|
| RAAM GSS                                            | 67800G07    |
| OPTIONAL EQUIPMENT                                  | PART NUMBER |
| BXE-SRD [OPTIONAL OPTIC SIGNATURE REDUCTION DEVICE] | 69401G01    |



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