

# RMSAL

## RIFLE-MOUNTED SQUAD AIMING LASER

The Mil-Spec RMSAL Squad Aiming Laser is a CLASS IIIb laser consists of a green or redvisible aiming laser, a near-infrared (near-IR) aiming laser, and an adjustable near-IR Illuminator.

The function of the RMSAL is to provide an operator with highly collimated aiming lasers forprecision aiming and targeting visible in low light conditions and in conjunction with night vision

devices for night time applications. The focusable near-IR Illuminator floods the area ofinterest with near-infrared light only visible when used with Night Vision Devices.

The output power of the RMSAL can be adjusted from approximately 50µW to 25mW electronically across 256 intervals. In addition, the aiming lasers can be operated via user selectable switch in either a constant wave or 4Hz pulsed mode.

- Rapid active target acquisition
- True night vision compatible mode
- Adjustable output power
- Green or red visible laser options
- User selectable constant wave or pulsed modes of aiming lasers
- Two tactical remote switches (including SAFETY remote switch)
- Co-boresighted aiming lasers
- Unique ballistic differential adjustment ports
- Limited 3-Year Warranty
- Package includes : Aiming/ Illumination Module, Remote Switch Black, Remote Switch Blue, Battery, Operation and Maintenance Manual, Soft Carrying Case



	IR LASER	VISIBLE LASER	IR ILLUMINATOR
<b>Class</b>	IIIb (near IR)	IIIr	IIIb (near-IR)
<b>Output power</b>	50 µW (Low) 25 mW (High)	<5.0 mW	500 µW (Low) 25 mW (High)
<b>Operating distance</b>	> 200 m (Low) >2,000 m (High)	> 25 m (in direct sunlight)	> 100 m (Low) >2,000 m (High)
<b>Divergence</b>	0.5 mRad	0.5 mRad	1-108 mRad
<b>Wavelength</b>	820 nm–860 nm	Red 605 nm–665 nm Green 500 nm–530 nm	820 nm–860 nm
<b>Battery type</b>	One (1) CR123 3.0VDC lithium battery		
<b>Battery life</b>	> 10 hours in near-IR Aim Mode		
<b>Operating Temperature</b>	-51°C to 57°C		
<b>Storage Temperature</b>	-57°C to 85°C		
<b>Waterproof</b>	Upto 20m for 1 hour		
<b>Weight</b>	0.2 kg ( 0.44 lbs)		
<b>Overall dimensions</b>	106 x 81 x 48 mm (4.2 x 3.2 x 1.9 in)		
<b>Color (housing)</b>	Black or Tan		

Specifications are subject to change without notice. Images are for illustration purposes only.



Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.

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