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WAVE LENGTH	OUTPUT POWER	WAVE LENGTH	OUTPUT POWER
NIR 852nm	50mW	NIR 852nm	50mW
VIS 650nm	175mW	VIS 650nm	175mW
VIS 635nm	50mW	VIS 640nm	50mW



WARNING! CLASS 3B LASER RADIATION  
EMITTED FROM THIS END AVOID DIRECT EXPOSURE

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Export of this product is regulated by the U.S. Department of State in accordance with guidelines of the International Traffic Arms Regulation (ITAR) – Cat XII(b)(2). Sale of this device is restricted to DoD, Federal, State and local government law enforcement agencies.

This document consists of basic marketing information and contains no technical data as defined by the ITAR.

# Envision

Technology, LLC



# RAIL

# RAIL

## RAIL MOUNTED AIMING/ILLUMINATION LASER



# OVERVIEW

The Rail Mounted Aiming/Illumination Laser (RAIL) brings a weapon-mounted aiming and illumination capability to the user in an exceptionally small form factor. The RAIL contains an integrated visible aiming laser (Green or Red), NIR aiming laser, NIR illumination laser, and NIR wide-angle LED illuminator for confined spaces or Close Quarters Battle (CQB). The NIR illumination laser has a quick adjust beam divergence capability and is independently adjustable from the co-aligned aiming lasers. All lasers have user adjustable power settings to support various mission needs. The system is powered by a single CR123 battery and mountable to a standard MIL-STD-1913 rail.

# USER BENEFITS

- Extremely compact and lightweight design minimizes impact on the host weapon system
- Ability to quickly adjust aiming and illumination laser intensity to support dynamic battlefield conditions
- Integrated NIR LED for confined space and CQB operations
- Independently adjustable NIR Illuminator from the Aiming Lasers
- Intuitive user interface
- Seven position mode selector switch, with additional positions available for future capability enhancements
- Adjustable display and LED brightness for day or night operation
- MIL-STD-1913 rail interface to mount to a wide variety of weapon platforms
- Operates on a single CR123 battery

# RAIL FEATURES

### Dimensions

< 3.7" x 2.3" x 1.3"  
(Above Rail)

### Power

Single CR123 Battery

### Weight

< 6 oz.

### Mounting Interface

MIL-STD-1913  
Rail Grabber

### Visible Pointer

Output Power	3mW Low Power (Class 3R), 38mW High Power (Class 3B)
Divergence	0.3mrad
Wavelength	520nm (Green) OR 640nm (Red)

### NIR Pointer

Output Power	0.3mW Low Power (Class 1) 25mW High Power (Class 3B)
Divergence	0.3mrad
Wavelength	850nm

### NIR Illuminator

Output Power	4mW Low Power (Class 1) >125mW High Power (Class 3B)
Divergence	1 - 8 degrees
Wavelength	860nm

### NIR Illuminator (LED)

Output Power	35mW
Divergence	160degrees
Wavelength	850nm