



B.E.
MEYERS
ADVANCED PHOTONICS

INFORMATION SHEET

VSLAP®-V1

VARIABLE SIX LASER ADVANCED POINTER



COMPACT. LIGHTWEIGHT. VERSATILE.



The pulse modes can be cycled while the laser is firing by holding or double-clicking the **Fire Button** and then clicking the **Pulse Selector Button**.

The **VSLAP®-V1** Variable Six Laser Advanced Pointer, a compact high-power near infrared handheld target pointer and illuminator system supporting TACP, CCT, JTAC, SOTAC, ANGLICO, and JFO applications and other air-to-ground integration and mission communication needs.

Using our proprietary DeathStar™ technology of integrating six independent lasers focused into a single concentrated beam, the VSLAP-V1 emits up to 1.21 Watts of near infrared pointing/illuminating capability in a variety of continuous wave or select pulse settings.

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CAGE: 6U501
UEI: XVUVLU5FK1X9

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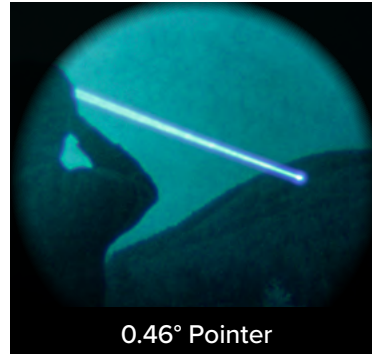


SINGLE HANDED OPERATION.

The VSLAP®-V1 offers versatile functionality, allowing the operator to effortlessly switch between a focused near-infrared pointer and a smooth NIR illuminator. With just an 1/8 turn of the beam adjustment collar, the transition from a pointer to a 2.5° flood provides undeniable power on target directly from the palm of one's hand.

Designed for single-handed operation, the VSLAP-V1 features adjustable beam divergence and multiple power output modes: Low, Medium, and High, along with pulse settings at 2Hz, 5Hz, 10Hz, and continuous. The device also supports azimuth and elevation adjustments for precise targeting alignment with most platforms and includes a proprietary Wakizashi™ port for simultaneous remote control and power supply.

Built for precision target marking at extended distances, the VSLAP-V1 is engineered for durability and integrates seamlessly with existing weapon systems, enhancing overall operational efficiency, with the added benefit of 1913 rail mounting capability.



0.46° Pointer



2.86° Illuminator



Compact Form Factor

DUAL BUTTON CONTROL	
FIRE BUTTON - Continuous Mode	
PULSE BUTTON - 3 Modes	
PULSE MODES CAN BE CYCLED WHILE THE LASER IS FIRING BY HOLDING OR DOUBLE-CLICKING THE FIRE BUTTON AND THEN CLICKING THE PULSE SELECTOR BUTTON.	

NOMINAL CHARACTERISTICS	
Output Power: High	1.21W
Output Power: Medium	375mW
Output Power: Low	125mW
Wavelength	840nm (IR)
Beam Divergence - Min. Point	0.8 mrad (0.46°)
Beam Divergence - Max. Flood	50 mrad (2.86°)
Laser Class	Class 4
Power Supply	2x CR123 batteries
Dimensions	7.8" L x 2.3" W x 3.0" H
Weight	9.45oz without batteries



Proprietary Wakizashi™ port allows for simultaneous remote control and power supply.

Part Number : **VSLAP-V1-KIT01**





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TECHNICAL DATA SHEET

VSLAP™-V1

VARIABLE SIX LASER ADVANCED POINTER



Part Number : **VSLAP-V1-KIT01**

VSLAP®-V1 is a compact and light weight Ultra High-Power NIR laser device that offers long range Near-Infrared (NIR) pointer and illumination capability for target marking and illumination in support of air-to-ground integration and other mission applications.

VSLAP-V1 provides powerful, clear, and consistent laser pointer or illumination at multiple output powers and beam divergences, with constant as well as multiple pulse outputs.

FEATURES

- DeathStar™ Technology: Six (6) distinct NIR lasers which are colimated to provide a focused Ultra High - Power beam on target.
- Adjustable beam divergence from IR pointer to spotlight illuminator.
- Adjustable power output via three operational modes: Low, Medium, and High.
- Pulse mode: 2Hz, 5Hz, 10Hz and continuous.
- AZ/EL adjustments.
- Proprietary Wakizashi™ port allows for simultaneous remote control and power supply.
- Meets MIL -STD 810G/H

BENEFITS

- Class 4 Output
- Compact Form Factor and Light Weight
- Hand - Held or Weapon Mountable
- Remote Operable
- Excellent Illuminator Beam Quality



KIT INCLUDES:

- **VSLAP-V1.** Class 4 NIR laser pointing and illumination device.
- Tactical Retention Pouch - retainer in the pouch pocket
- **American Defense MFG® Mount.** Low -profile M1913 rail mount with throw lever for secure mounting.
- Quick Reference Guide
- Two (2) CR123 Batteries



American Defense MFG is a registered trademark of American Defense Manufacturing, LLC.

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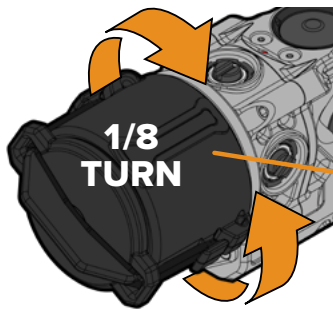
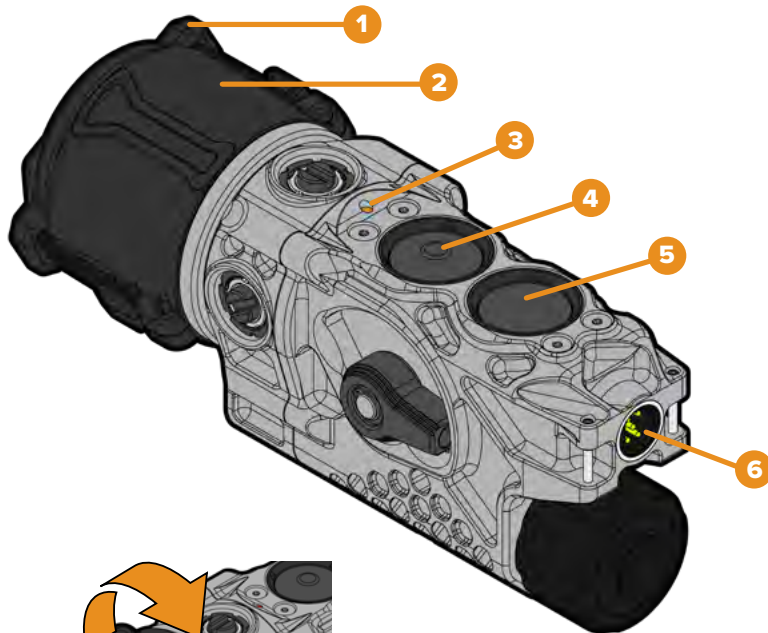
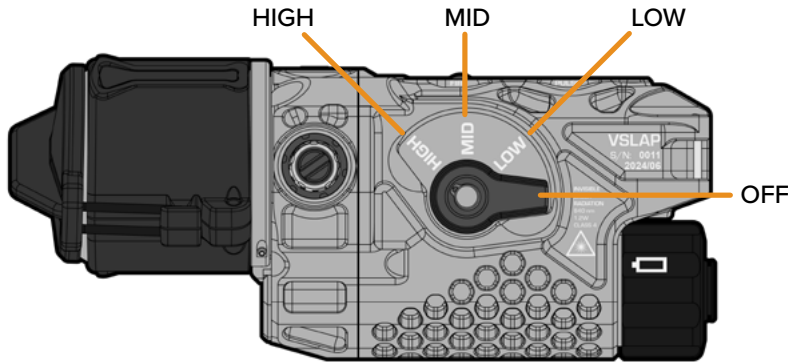
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Rotate the **Adjustment Collar**
1/8 of a turn to switch from
a pointer to a 2.5° flood.

Activation Knob Positions:

LOW — 125mW Infrared

- Low ambient illumination / dark environments.
- Interiors.

MID — 375mW Power Infrared

- Low ambient illumination / dark environments.
- Bright Interiors.

HIGH — 1.21W Power Infrared

- Long-distance.
- High ambient illumination / bright environments.
- OFF

Controls:

1. **Aperature Cover**
2. **Adjustment Collar**
3. **Indicator Light**
4. **Fire Button**
5. **Pulse Selector Button** — (CW, 2, 5, 10Hz)
6. **Wakizashi Port** — (Remote and Power Supply)

NOMINAL CHARACTERISTICS

Output Power: High	1.21W
Output Power: Medium	375mW
Output Power: Low	125mW
Wavelength	840nm (IR)
Beam Divergence - Min. Point	0.8 mrad (0.46°)
Beam Divergence - Max. Flood	50 mrad (2.86°)
Laser Class	Class 4
Power Supply	2x CR123 batteries
Dimensions	7.8" L x 2.3" W x 3.0" H
Weight	9.45oz without batteries
Nominal Ocular Hazard Distance (NOHD)	554m
Pulse Frequency	2Hz / 5Hz / 10 Hz / Continuous
Environmentally Sealed	Waterproof to 20m up to 2 hrs.
Azimuth & Elevation Adjustment	Adjustable with a common multi-tool or spent cartridge
Operational Temperature Range	-20°C to +50°C (-4°F to +122°F)
Storage Temperature Range	-40°C to +70°C (-40°F to +158°F)
Meets MIL-STD 810G/H	

4 FIRE BUTTON — Continuous Mode

5 PULSE SELECTOR BUTTON — 3 Modes

The pulse modes can be cycled while the laser is firing by holding or double-clicking the **Fire Button** and then clicking the **Pulse Selector Button**.



INVISIBLE LASER RADIATION - AVOID
DIRECT EXPOSURE TO BEAM

840 nm at 1.21 W

Class 4

