

### LAM 3 IR

This infrared instrument provides an instant laser-aiming visible or invisible (infrared) dot for firing without eyesight strain, and at the same time, it can be used as infrared illuminator. The unit is designed for precise aiming when shooting from a weapon equipped with Picatinny rail in conditions of night illumination. Infrared channels are invisible to the naked eye and can be used only in conjunction with night vision goggles. Fire adjustments (windage/elevation) are performed with a simple and reliable mechanism separately for visible and invisible channels. The unit meets full MIL-SPECs.

The unit can be controlled from both mode selector switch and remote membrane switch, which is fixed on the rifle with a Velcro tape in the place that is convenient for the shooter. The membrane type button allows momentarily operations with the unit, so that the operator can turn it on only when it is really needed. This mode saves battery life and decrease the probability for the shooter to be discovered by the opposite side armed with night vision devices. When LAM 3 IR is controlled from the mode switch only, the shooter keeps both hands free. This can be crucial in real combat operations. The illuminator beam can be adjusted in wide variety of angles. The small aimer spot is located inside the larger illuminator spot.

LAM 3 IR can be easily attached and adjusted on a standard weaver mount. High durability allows withstanding the strongest recoil. This means that the unit can be mounted on practically any hand-held weapon. The design of easy and precise windage/elevation adjustments allows re-installment of the unit on its bracket without loss of zero. LAM 3 IR operates in two emission power levels, low and high. Low level is useful on force training or close combat engagements.



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#### FEATURES:

- Three independent laser channels
- Variable size of illumination spot
- Long-range pointer
- Full mil-specs, waterproof and shockproof
- Compact size, lightweight
- Two channels windage/elevation adjustments
- Remote control (membrane type switch)

#### ACCESSORIES:

- Case
- Quick release weapon mount (MIL-STD 1913)
- Velcro tape
- Battery
- Warranty card
- Manual

Specifications	IR Illuminator	IR Aimer	Red Aimer
Output power, mW, H mode	25	20	4
Output power, mW, L mode	2	1	-
Beam divergence, mrad	3-105	0.5	0.5
Wavelength, nm	830-860	830-860	635-650
Laser class	III b	III b	III b
Windage/elevation adjustment range, mrad		± 20	
Step of adjustment, mm/100m		50 (0.5 ± 0.05 mrad)	
Adjustment accuracy after 1000 shots, mrad		0.5	
Adjustment accuracy after 100 'install/remove' operations, mrad		1	
Battery		3V (CR123 Lithium)	
Current consumption, mA		70-330	
Operating temperature range, °C		-40 ... +60 °C	
Weight, grams		380	
Dimensions, mm		105x75x55	
Shockproof, up to 0.5 mrad of adjustment accuracy	(500 g x 0.4 ms) x1000 times or (80 Hz x 6 ms x 390 m/s <sup>2</sup> )		
Waterproof	Submersion in 2 m (13 feet) for 7 hours or 10 m (33 feet) for 2 hours		
Impact proof, up to 0.5 mrad of adjustment accuracy	1 m onto solid surface with 0 initial speed or 1 m into water with 13 m/s initial speed and 100 kg attached		
MTBF, hours	5000		