



## NETWORKING THE INFANTRY



### Short, Medium and Long-Range Laser Aiming Lights

AIM is an advanced, battle-proven family of laser-based aiming lights designed to support high-precision instantaneous fire, especially in unexpected scenarios. It enables high-aiming accuracy for quick-response target hit, and "shooting from the hip" capability with an unobstructed field of view. AIM is also very useful for surveilling questionable terrain and signalling to allies.

The AIM series includes:

- Short-range visible (V), covert IR (C), and/or dual-wavelength models (up to ~300m)
  - Medium- to long-range covert IR (C) models (having an effective pointing-for-shooting range of up to 1 km and pointing/signalling range of up to 10 km).
- Boresight retention after firing thousands of rounds.
  - Designed to fully support ground, marine and airborne platforms under low ambient light and shaded conditions typical of urban warfare and anti-terror missions.

<b>Short-Range</b>	AIM-1/C (IR) – for small arms
	AIM-1/V (Red) – for small arms
	AIM-2000 - field user-selectable dual (IR and Red) wavelength for small-medium arms
<b>Medium- to Long-Range</b>	AIM-1/DLR – for small to medium-caliber machine guns
	AIM-1/SLR – for medium-caliber machine guns to long-range, manual/automatic weapons
	AIM-1/SLX – mounted on variety of airborne, ground and marine platforms for long-range, remotely-operated/automatic weapons
	AIM-1/SLT – for integration in gimbals and payloads



# AIM family

## Technical Characteristics (according to Model)

Parameter	Short-Range			Medium- and Long-Range			
	AIM-1/C	AIM-1/V	AIM-2000	AIM-1/DLR	AIM-1/SLR	AIM-1/SLX	AIM-1/SLT
<b>Optical</b>							
- Output Power							
* HIGH position	1.5 mW	1 mW	5 mW (both wavelengths)	15 mW	60 mW	60 mW	60 mW
* LOW position	N/A	N/A	0.4 mW (IR)	0.6 mW	3.6 mW	1-25 mW	N/A
- Wavelength	840 nm	640 nm	650 nm (Red) 850 nm (IR)	830 nm	830 nm	830 nm	830 nm
- Beam Divergence	0.3 mRad	0.3 mRad	0.5 mRad	0.3 mRad	0.3 mRad	0.3 mRad	0.3 mRad
<b>Effective Range</b>	200 m	20-200 m (light-dependent)	300 m	1 km	10 km	10 km	10 km
<b>Power Supply</b>	1 x "AA" 1.5V battery Alkaline or Lithium	1 x "AA" 1.5V battery Alkaline or Lithium	1 x "AA" 1.5V battery (Alkaline) or 3.6V Lithium	2 x "AA" 1.5V Alkaline batteries	2 x "AA" 1.5V Alkaline batteries	9-33 V DC A/C power	28 V DC Gimbal/Payload
<b>Max. Current Consumption</b>	120 mA	110 mA	120 mA	130 mA	180 mA	50 mA	50 mA
<b>Physical Data</b>							
- Dimensions (LxHxW mm)	45x35x100	45x35x100	62x32x102	92x57x49.5	129x58x40	116x57x40	88x32x30
- Weight (net)	200 gr	200 gr	195 gr	290 gr	290 gr	300 gr	100 gr
<b>Operation</b>	Manual/Remote	Manual/Remote	Manual/Remote Selectable intensity (HIGH/LOW position)			Remote Only Selectable intensity (HIGH/LOW position)	Remote Only
<b>Operating Time</b>	>10 hr (continuous)	>10 hr (continuous)	~10 hr (continuous)	10 – 50 hr (HIGH/LOW position-dependent)		N/A	N/A
<b>Mounting</b>	<i>Weapon-mounted on standard Picatinny rail or barrel clip</i>					<i>Dedicated adapter</i>	<i>Built-in</i>
<b>Environmental</b>	<i>Complies with MIL-STD-810</i>						