

DBAL - I² DUAL BEAM AIMING LASER POINTER / ILLUMINATOR (AN/PEQ-2A)

The DBAL-I2 is the cutting-edge replacement for the AN/PEQ-2A combining an infrared laser pointer and infrared pointer/illuminator in a lightweight, rugged metal housing.

The DBAL-I2:

1. Provides the same functionality
2. Is smaller and lighter
3. Is significantly shorter and leaves more rail space for other accessories
4. Mirrors the AN/PEQ-2A activation switch options

Built to perform under the most rigorous conditions and survive the harshest environments, the DBAL-I2 provides operators with a critical tool for use with night vision devices.



DBAL-I2 – shown with optional sub-miniature Red Dot Sight

Product Features:

- Rugged aerospace aluminum housing, MIL-SPEC Type III hardcoat anodized
- Hi and Lo power modes of operation
- Meets MIL-STD-810G requirements
- ESD compliant for air worthiness
- Activation / low battery indicator light
- Remote cable pressure pad switch and integrated momentary activation switch
 - Single top enables momentary activation
 - Double tap activates the laser in a continuous ON mode
- Fully adjustable windage and elevation
- Optional optical diffuser, neutral density filter subminiature red dot sight, MIL-SPEC-1913 top rail or flip-up front sight
- Manufactured in the U.S.A. Optional optical diffuser, neutral density filters and right angle remote cable available
- Manufactured in the U.S.A.

Part # & Specifications:

Part #: MVL-40072	DBAL-I2 IR Pointer (835nm)($<50\text{mW}$) & IR Pointer/Illuminator (835nm)($<50\text{mW}$)
Part #: MVL-50401	DBAL-I2 Visible Red Pointer (635nm)($<5\text{mW}$) & IR Pointer/Illuminator (835nm)($<5\text{mW}$)
Part # MVL-50404	DBAL-I2 Visible Green Pointer (532nm)($<30\text{mW}$) & IR Pointer/Illuminator (835nm)($<50\text{mW}$)
PART #: MVL-50407	DBAL-I2 Visible Green Pointer (532nm)($<50\text{mW}$) & IR Pointer/Illuminator (835nm)($<150\text{mW}$)
Part # MVL-50408	DBAL-I2 IR Pointer (835nm)($<50\text{mW}$) & IR Pointer/Illuminator (835nm)($<50\text{mW}$)

MOROVISION NIGHT VISION, INC.
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EXPORT NOTICE:

Export of this product is regulated by the U.S. Department of State in accordance with guidelines of "International Traffic in Arms Regulations (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130.

This data sheet is approved for unlimited release. Specifications subject to change without notice.

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

DBAL-I² Specifications (Subject to change without notice)

Material	Anodized aircraft aluminum 6061T-6
Weight w/battery	7.1 ounces /201.3 grams
Size	L 3.5" x W 2.75" x H 1.75" / L 8.9cm x W 7cm x H 4.4cm
Environment	Waterproof to 20 meters
Battery	One 3-volt 123A Lithium or One 1.5-volt AA
Battery Life	Up to 5 hours continuous
Warranty	Limited One (1) Year
Supplied with	Quick Release mount
	Pattern Generators (NSN# 1240-01-537-0496)
	Battery
	7" remote calbe pressure pad switch
	Nylon pouch
Optional Items	Optical diffuser, neutral density filter, subminiature red dot sight, MIL-SPEC 1913 top rail, flip up front sight.

INFRARED POINTERS

OUTPUT POWER (Hi / Lo)	WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE
<1mW (available on request)	835nm	IIIb	0.3 mrad	600 meters
<5mW/<1mW	835nm	IIIb	0.3 mrad	600 meters
<50mW/<1mW	835nm	IIIb	0.3 mrad	2000 meters

INFRARED ILLUMINATORS

<50mW/<1mW	835nm	IIIb	0.5 – 75 mrad	2000 meters
<150mW/<5mW	835nm	IIIb	0.5 – 75 mrad	5000 meters

VISIBLE POINTERS

TYPE	OUTPUT POWER (Hi/Lo)	WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE (Night / Day)
Red	<5mW/<1mW	635nm	IIIa	0.3 mrad	500m / 30m
Red	<65mW/<5mW	642nm	IIIb	0.5 mrad	2000m / 30m
Green	<5mW / <1mW	532nm	IIIa	0.5 mrad	1500m /50m
Green	<30mW / <5mW	532nm	IIIb	0.5 mrad	2500m / 113m
Green	<50mW / <5mW	532nm	IIIb	0.5 mrad	3500m / 160m
Green	<200mW / <5mW	532nm	IIIb	0.5 mrad	4500m / 200m

SALE OF LASER PRODUCTS:

The sale of high power Visible and Infrared laser products (Class IIIb) are restricted by the FDA to:

- Department of Defense
- Law Enforcement Agencies
- Federal Agencies
- Qualified Agents

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