

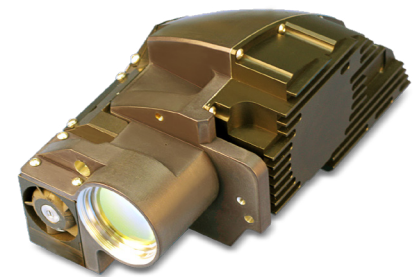


**L3HARRIS™**  
FAST. FORWARD.

# MLD MINIATURE LASER DESIGNATOR

Compact Laser Designator

MLD MINI	
<b>System Specifications</b>	
Laser Type	Diode-Pumped Nd: YAG
Communication Protocol	RS-422, RS-232 and RS-485
Input Voltage	12 to 28 VDC $\pm$ 0.5%
Power Consumption	< 50 W
Weight	< 800 gm / < 1.8 lbs
Dimensions	5.7"(L) x 3.1"(W) x 3.1"(H) (Irregular)
Operating Temperature	-40 °C to + 71 °C
Environmental Standards	IAW MIL-STD-810G
Laser Class	Class 4
<b>Laser Specifications</b>	
Wavelength	1064nm
Pulse Width	16 ( $\pm$ 5) ns
Beam Divergence	$\leq$ 300 $\mu$ rad
Energy Output	30 to 80 mJ
Pulse Repetition Rate (Compatible with all U.S. and NATO Laser Guided Munitions)	9 to 20 Hz Externally Codeable



The MLD is our next-generation of Diode-Pumped, low-profile laser designators for users demanding high performance in a very compact package. Weighing less than 1.8 pounds, the high-output energy and low-beam divergence provides a powerful capability for multiple system solutions.

Featuring 30 to 80 mJ Laser energy output @ 1064 nm. Diode Pumped technology for longer life with external sync input. NATO I & II STANAG 3733 code compliant.

L3Harris is a global leader in defense technologies and services. We design and manufacture military grade Eye-Safe Laser Ranger Finder, Laser Designator, and Multi-Function Laser systems.

An ISO 9001 certified quality organization, L3Harris has a quarter century of successful performance, providing system integrators and primes with open-frame OEM modules and housed LRUs (line replaceable units) in a variety of configurations.

Our products are listed under category XII(b) of the United States Munitions List. International Traffic In Arms Regulations (ITAR) requires a valid export license prior to technical or hardware shipments or transmissions of information.



## FEATURES

30 to 80 mJ laser energy output @ 1064 nm

Lightweight < 1.8 lbs

Dimensions 5.7 in. L x 3.1 in. W x 3.1 in. H (irregular)

Diode-Pumped technology for longer life

Operating temperature -40 °C to + 71 °C

External sync input

Single connector interface

NATO I, II, STANAG 3733 code compliant

## MLD Miniature Laser Designator

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