



L3HARRIS™
FAST. FORWARD.

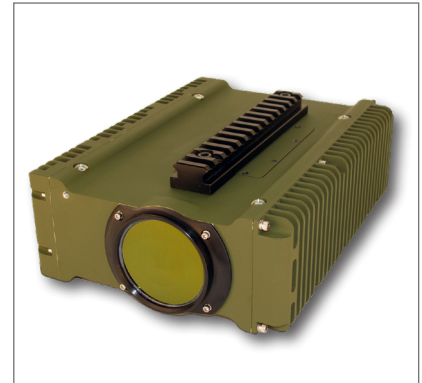
ELITE-LD LASER DESIGNATOR

System Specifications

Laser Type	Diode-Pumped Nd: YAG
Communication Protocol	RS-422, RS-232 and RS-485
Input Voltage	12 to 32 VDC From Battery or Vehicle Power Adapter (MIL-STD 1275D)
Power Consumption	< 100 Watts when Firing, < 10 Watts in Standby
Built-In-Test	Yes
Duty Cycle	25% : 3 min ON, 12 min OFF
Weight	< 5 lbs
Dimensions	9" (L) x 6.25"(W) x 3"(H), 22.8 cm (L) x 15.8 cm (W) x 7.6 cm (H)
Operating Temperature	-32 °C to +49 °C
Environmental Standards	MIL-STD-810G and MIL-STD-461F
Laser Class	Class 4

Designator Specifications

Wavelength	1.064 μm
Pulse Width	16 (\pm 5) ns
Beam Divergence	200 (\pm 50) μrad
Energy Output (Subject to Export Restrictions)	60 to 80 mJ
Pulse Repetition Rate	PRF: 8 to 20 Hz (NATO Band I/Band II Stanag 3733 Compliant) and external trigger



Elite-LD is our next-generation compact, low-profile laser designator for users demanding high performance in a compact, ruggedized package. Ideally suited for man-portable, small gimbal, or UAV applications, Elite-LD is a high-quality, fully-compliant designator with 1.064 μm energy output in excess of 80 mJ, in a small package typically seen for low-power, marker-only applications.

L3Harris is a global leader in defense technologies and services, we design and manufacturer military grade Eye-Safe Laser Range 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

60 to 80 mJ laser energy output @ 1.064 μm

Total weight under < 5 lb.

Precision mechanical mounting

Picitinni rail mount for precision mounting of optional hardware

Active-diode temperature monitoring

Operating temperature -32 °C to +49 °C

Shot counter

Lightweight, ruggedized housing design

Single connector for power and communications

Elite-LD Laser Designator

© 2019 L3Harris Technologies, Inc. | 06/2019

This document consists of basic marketing information that is not defined as technical data under ITAR Part 120.10. The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.



L3HARRIS™
FAST. FORWARD.

1025 W. NASA Boulevard
Melbourne, FL 32919
t 407 295 5878 | f 407 770 2984
Marketing.ALST@L3Harris.com