

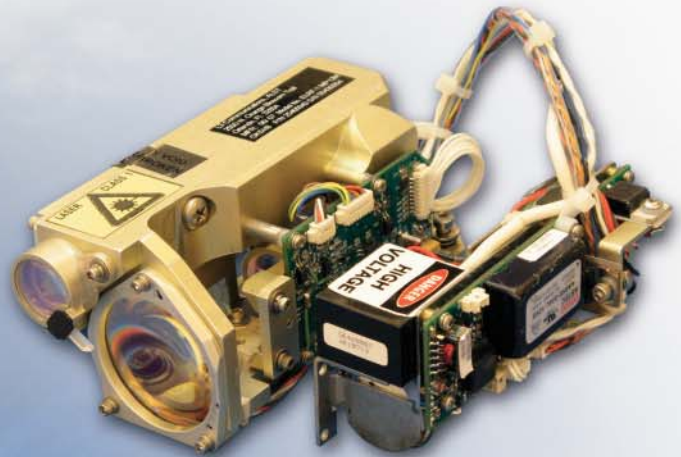
# Advanced Laser Systems Technology

## FALCON III

### COMPACT EYESAFE LASER RANGEFINDER

#### PRODUCT DESCRIPTION

Falcon III is a compact, high performance laser rangefinder for man-portable applications or where space is a premium. As configured the power supply can be mounted separately from the transceiver. Custom configurations are offered to meet the most demanding requirements whether for environment or volume constraints.



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#### SPECIFICATIONS

Laser Type	Erbium:glass
Wavelength	1.54 microns
Pulse Rate	12 ppm (1 Hz option)
Maximum Range*	10 km (20 km optional)
Minimum Range	50 m
Range Resolution	± 5 m (± 2 m optional)
Receiver Aperture	38.6 mm
Beam Divergence	0.7 mrad
Detector Type	PIN (APD option)
Communication Interface	RS-232 or RS-422
Transmitter Dimensions	5.45" L x 2.13" H x 2.35" W
Power Supply Dimensions	3.82" L x 1.96" H x 1.83" W
Weight	1.3 lbs

\* Maximum range achievable under ideal atmospheric and target conditions. Actual range is dependent upon atmospheric conditions and upon target size and reflectivity.

#### ABOUT L-3 ALST

L-3 Advanced Laser Systems Technology (L-3 ALST), a wholly owned subsidiary of L-3 Communications Corporation, designs, develops, and manufactures laser designator and rangefinder systems.

L-3 ALST's 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.



L-3 ALST is ISO 9001:2000 certified.

#### Advanced Laser Systems Technology

2500 North Orange Blossom Trail

Orlando, FL 32804

Ph: 407.295.5878

Fax: 407.770.2984

Email: [marketing.alst@L-3com.com](mailto:marketing.alst@L-3com.com)

[www.L-3com.com/alst](http://www.L-3com.com/alst)



**communications**

**Advanced Laser Systems Technology**

**L-3.** Headquartered in New York City, L-3 Communications employs over 64,000 people worldwide and is a prime contractor in aircraft modernization and maintenance, C<sup>3</sup>ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems.