



L3HARRIS™
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SCARAB-TILD-A, LASER RANGE FINDER/DESIGNATOR

Direct View Optics

SCARAB-TILD-A	
System Specifications	
Size	24.2 cm L x 26.6 cm W x 6.6 cm H 9.50 in. L x 10.4 in. W x 2.60 in. H
Weight	< 4.5 kg, < 9 lbs
Operating Temperature	-32 °C to +49 °C
Mechanical Interface	Three-Point, Fixed Mount or Rail
User Interface	Manual Real Panel and Remote Control Firing
Environmental	MIL-STD 810G
EMI/EMC	MIL-STD 461F
Laser Module Performance	
Laser Type	Nd: Yag
Wavelength	1064 nm
Pulse Energy (subject to export restrictions)	60 to 80 mJ
Beam Divergence	200 (±50) µrad
Designation Range	> 5 km
Range Gate	100 m to > 5 km
Range Logic	First / Last
Day Scope Performance	
Magnification	> 7x
Field-of-View	> 5°
Features	On-Screen Mission Data Display



Scarab is a state-of-the-art, Diode-Pumped Nd: Yag laser target designator capable of true terminal guidance missions with energies greater than 80 mJ.

At 12 kilograms total system carry weight, including backpack, tripod, batteries and remote control, Scarab-TILD-A is ideal for users demanding a compact and portable solution for long-range standoff laser target designation and range finding. This compact, ruggedized design enables covert target detection, identification and terminal guidance in the most demanding environments. Recommended for use in conjunction with a thermal imager with see-spot capabilities for best results. Contact L3Harris for options that will meet your specific mission needs.



FEATURES

- > *Diode Pumped Nd: Yag 60 to 80 mJ @ 1064 nm
- > Lightweight single man portable: < 12 kg, < 26 lb. total carry weight
- > PRF: 8 to 20 Hz (NATO Band I/Band II STANAG 3733 Compliant)
- > External (12 to 32 VDC) and battery powered
- > Up to 60 minutes of continuous designation from a single battery
- > > 7x magnification day scope with mission data display
- > Integrated display and keypad user interface

* Subject to export restrictions

SCARAB-TILD-A, Laser Range Finder/Designator (LRF/D)

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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