

ENGEREK-M02

LASER DESIGNATION UNIT





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Applications

- Naval Platforms
- Tracking Systems
- Electro-Optical Systems

Main Features

- Computer Controlled
- First/Last Reflection Selection
- Boresight Camera

Environmental Conditions

- Operational Temperature : -20 °C / +55°C
- Storage Temperature : -40 °C / +70°C
- Environmental Specs : MIL-STD-810G

Technical Specifications

- | | |
|---------------------|--------------------------------|
| • Laser Source | : Diode pumped ND-YAG |
| • Laser Wavelength | : 1064±2 nm |
| • Pulse Energy | : > 70 mJ |
| • Maximum PRF | : 20 Hz |
| • Measurement Range | : 300 m - 20 km |
| • Designation Range | : 5 km (tank), 10 km (bina) |
| • Beam Divergence | : < 0.6 mrad |
| • Coding | : NATO STANAG 3733 Bant I & II |
| • Detector Type | : APD |
| • Detector FOV | : 1.3 mrad |
| • Power Interface | : MIL-STD-1275D |
| • Weight | : < 9 kg |

