

# ENGEREK-M01

LASER DESIGNATION UNIT

LIGHTWEIGHT AND LOW VOLUME  
MEET REQUIREMENTS OF STANAG  
ATHERMAL DESIGN





# ENGEREK-M01

## LASER DESIGNATION UNIT

### Applications

- Land Platforms
- Fire Control Systems
- Electro-Optical Systems

### Main Features

- Computer Controlled
- Boresight Camera

### Environmental Conditions

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

### Designation Specifications

- Laser Source : Nd: YAG Diode Pumped
- Cooling : Athermal (uncooled)
- Pulse Energy : > 80 mJ
- Designation Range (Tank 2.3 m x 2.3 m) : > 6 km
- Weight : < 6000 gr
- Dimensions (WxLxH) : 215 x 320 x 135 (mm)

### Spot Camera

- FOV : < 6°
- FOV Range : 6 km
- Weight : < 1500 gr
- Dimensions (WxLxH) : 86 x 260 x 68 (mm)