



## Green Lantern

### High Intensity Green Laser Illuminator



The Green Lantern is a small, portable force deterrent system that is mounted on a mast or tripod and used to protect a command operation post (COP) or forward operating base (FOB). The system consists of a forward looking infra-red (FLIR) thermal camera, a tracking system, and a green eye-safe laser. Once the system is set in place and activated, it will pick-up movement up to 300 meters away, track >10 targets simultaneously, and highlight them with a high intensity visible green laser. This is to prevent or deter unauthorized approaches to a secure area without escalating the situation into a confrontation. The system uses as state of the art uncooled, highly sensitive 640x480 VOx Focal Plane Array 17 $\mu$  thermal camera with continuous optical zoom.

#### Features:

- Advanced high resolution 17 $\mu$  detector
- High-intensity green laser (HOHD 20 meters )
- Automatic tracking of a minimum of 10 targets
- Light weight
- Alternate power sources
- Mast or tripod mounted
- Scalable for future adaptation to other sensors and systems

#### Applications

- Security and perimeter defense
- Border security
- Installation security
- Target Identification and confirmation

## Technical Information

- Thermal Camera
  - 640 x 480 VOx Detector
  - Spectral Band 3-5 $\mu$ m
  - 29°C to +55°C Operating temperature
  - -46°C to +71°C Storage temperature
  - 24° FOV
- 125mW Green Laser
- Multiple Power Sources
- MIL-STD-810F Qualified

# **ADS**

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