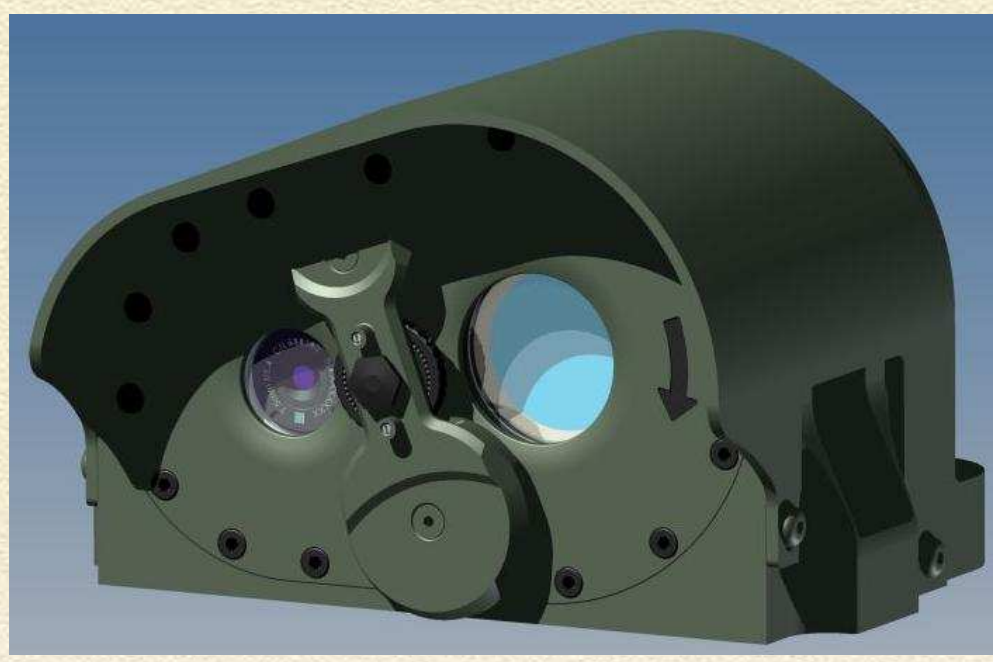


DRIVER'S THERMAL PERISCOPE

**Preliminary
Information**



DESCRIPTION

The MLT-DTP-208 is a rugged thermal vehicle periscope, for tactical operation day or night, clear or obscured atmospheric condition such as dust, fog, rain or smoke. The periscope incorporates a state-of the art infrared sensor able to detect heat emitting bodies far in the distance. It also incorporates a state-of the art day camera that can be used in normal weather conditions.

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General Features:

- **Weight: ~ 5kg**
- **Size: L x W x H: 198 x 126 x 112 mm**
- **Operating Temperature from -20°C to +55°C**
- **Storage Temperature from -30°C to +71°C**
- **Operational Altitude: Sea Level to 45,000ft.**
- **Power Consumption: ~ 22W**
- **Casing: Armor Steel**
- **Colour: Military Green**
- **Environmental Standard: MIL-810G**

Thermal Imager:

- **Focal Lens: FL 7.5mm f/1.4**
- **H-FOV: > 78°**
- **Ultra Low Power Thermal Imaging Core, 384 x 288 pixels**
- **NEDT \leq 35° mK @ 60Hz (F/1)**
- **Focus Range: 1m to infinity**
- **Initial Start-Up: < 3 seconds**
- **Polarity Control: White Hot / Black Hot**
- **Spectral Response 8 to 12 microns**
- **Environmental Standard: MIL-810G**

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Day Camera:

- **Focal Lens: FL 1.4mm f/4**
- **Minimum illumination: 0.4 lux**
- **Image Sensor: Inter-Line type 1/4" CCD**
- **Effective. Picture Element: 752 H x 582 V (PAL)**
- **EMI: MIL-STD-461, Radiated RS02, RS03, 50V/m RE02**

Monitor:

- **Display: 10.4" TFT AM, SVGA, LCD, 16M Colours**
- **Contrast Ratio: 1000:1**
- **Viewing Angle (typical): 160° (H) x 160° (V)**
- **IP Rating: IP67 (NEMA 6 Submersible)**
- **Colour: White (Option Other)**
- **Environmental Standard: MIL-STD 810G**



Preliminary information notice

The information contained herein is preliminary and as such it is subject to change without notice.