

Minerva

Dual Band Camera Assembly



Minerva provides 24-hour operational capability



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Dual Camera Assembly



SUPERIORITY DAY AND NIGHT

The Minerva dual band sensor is a compact and versatile sensor assembly ideal for driver's vision enhancement, rear or reversing camera applications, or general situational awareness. This module has a thermal imager integrated with a colour/low light day camera. This combination allows enhanced visibility 24 hours per day in all types of weather conditions.

APPLICATIONS

- Drivers Vision Enhancement for land vehicles
- Situational Awareness for land vehicles

FUNCTIONS AND BENEFITS

MINERVA offers the following key user's benefits:

- Compact and versatile family of thermal imaging cameras.
- Designed and made for use in all environmental conditions.
- Continuously operable at ambient temperatures from -40°C to $+50^{\circ}\text{C}$, even during exposure to solar radiation.
- Qualified to vibrations and shocks typically associated with military vehicle operations.

MINERVA offers the following tactical advantages:

- Unrivalled optical performance for highest sensitivity at no light levels.
- Ruggedized, waterproof design compliant with military specifications

TECHNICAL CHARACTERISTICS

Long Wave Infrared Camera

- Horizontal Field of View: 52°
- Vertical Field of View: 38°
- Detector Resolution: 640x480. Available in 1280x1024.

Visible Camera

- Horizontal Field of View: 52°
- Vertical Field of View: 28.5°

Input Power

- +28 VDC, MIL-STD 1275E

Video Output Formats

- Long Wave IR: SDI and RS170

Physical Characteristics

- Dimensions: 102.6 mm (W) X 63.2 mm (H) x 130.2 mm (D) including connector
- Weight: 1.0 kg

Designed and made for use in all environmental conditions.

- Qualified to vibrations and shocks typically associated with military vehicle operations.
- Environmental Standard: MIL STD 810 & MIL STD 461