MS-177 FAMILY OF SYSTEMS

HIGH-ALTITUDE, LONG-RANGE TARGET IDENTIFICATION

Multispectral technology for high-resolution ISR

The MS-177 family of systems is the next-generation, long-range ISR sensor using proven advanced multispectral imaging technology. High-resolution, long-range imagery provides precise identification of targets as well as situational awareness, day or night, on land or sea.

KEY BENEFITS & FEATURES

• Long-range, passive target detection and identification
• Land and maritime missions, day and night
• Provides actionable intelligence
• Supports platform operation in permissive and A2AD environments
• Compatible with various airborne ISR platforms
• Open Mission Systems (OMS) compliant
### MS-177 family of systems

**Sensor type**: Passive EO/IR, long-range, multispectral imaging

**Collection modes**: Spot, Watch and Search modes

**Field of regard**: ±90° roll and up to ±25° pitch

**Area coverage rate**: Up to 37,000 km²/hr

**MSI spectral bands**: Seven bands, including SWIR and MWIR

**SWaP**

- **Weight**: 538 lbs
- **Volume**: Cylinder 34.75” max diameter, 66” length
- **Power (AC)**: 1750 VA average

**MS-177A**

- **Sensor type**: Passive EO/IR, long-range, multispectral imaging

- **Collection modes**: Spot, Watch and Search modes

- **Field of regard**: ±90° roll and up to ±25° pitch

- **Area coverage rate**: Up to 37,000 km²/hr

- **MSI spectral bands**: 10 bands, including SWIR and MWIR

- **SWaP**

  - **Weight**: 538 lbs
  - **Volume**: Cylinder 34.75” max diameter, 66” length
  - **Power (AC)**: 1750 VA average