The Multi-Band Laser Spot Tracker (MBLST) enables Joint Terminal Attack Controllers (JTAC) and Joint Fires Observers (JFO) to visually detect and confirm the targeted location of both airborne and ground-based laser designators during both day and night.

- Displays any laser on the battlefield including designators and markers, laser range finders and NIR pointers in high contrast color (over black and white image). Facilitates rapid JTAC talk-on of aircraft’s designator spot onto target.
- Positive target confirmation helps reduce collateral damage and possibility of fratricide.
- Totally passive operation eliminates nighttime need for IR pointing lasers that can be detected with night vision devices.
- Short wave infrared (SWIR) imager provides visibility through fog and mist. Excellent low light and starlight imaging performance. Not susceptible to thermal cross-over conditions.
- Compatible with all airborne and ground-based laser target designators/markers with NATO Band I/II PRF codes.
- Fills published capability gap: “inability to see aircraft laser spot during daylight.”
- Meets expressed warfighter need “to provide accurate and timely close air support (CAS) to troops in contact out to 3 km.”

Features
- Compact – fits in MOLLE compatible pouch
- Lightweight: <2 lbs. (with batteries)
- Single-handed operation - center line controls for easy access with either hand
- Wide field of view (FOV) for situational awareness/target detection and narrow FOV (2X electronic zoom) for target recognition and identification
- Power-on: <10 sec. – no thermal imager cool-down time required
- Collapsible eyecup for covert nighttime operation
- Battery Status Indicator
Technical Specifications

**General**
- Size: 8.56 x 3.40 x 2.73 inches (less eyecup)
- Weight: <2.0 lbs. with batteries

**Day and Night Sighting Optics**
- Type: SWIR imager, 640 by 480; 15micron pixel format with pixel level laser pulse detection.
- Fields of View:
  - Wide - 7.5° x 5.6° V
  - Narrow - 3.8° x 2.8° V
- 2X Optical Zoom
- See designator spots at >10Km

**Power**
- Lithium AA batteries for greater than two hours of run-time

**Display**
- Video Graphics Array (VGA)
  - Organic Light Emitting Diode (OLED)
- Laser spot symbology: Semi-transparent colored overlay over BW Image; Marker around Spot for highlighting

**Operation Controls**
- Simple four-way button operation

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For more information, please contact:

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