DEFSEC



BLISS (BATTLESPACE LASER IDENTIFICATION SENSOR SYSTEM)

PRODUCTION READY

ENGINEERED FOR PRECISION, BUILT TO PROTECT

The BLISS (Battlespace Laser Identification Sensor System) is a cutting-edge, compact sensor designed and purpose-built to protect military personnel and high-value assets from modern threats. With multiple patents pending, BLISS's high-speed, interference-free laser detection in an ultra-rugged package, enhances situational awareness and survivability beyond 2 km.*

Available for delivery now, BLISS provides a fully networked system, seamlessly integrating soldier-worn and vehicle-mounted platforms with a threat identification application resulting in unparalleled battlefield awareness.



ENHANCED SITUATIONAL AWARENESS AND SURVIVABILITY

For more information contact
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DEFSECTEC.COM

*Demonstrated under test conditions, performance may vary.

KEY BENEFITS

- **Accuracy –** Captures subtle laser threats with precision.
- **Interference-Free –** Filters distractions for reliable alerts.
- **Ultra Sensitive Detection –** Detects fleeting signals instantaneously.
- **Immediate Feedback –** 300ms audible alert gives operators instant awareness.
- **Power Versatility –** Supports Nett Warrior systems (10-17 VDC).

WHY CHOOSE BLISS SENSOR TECHNOLOGY

- **Speed and Precision –** Instant, actionable intelligence.
- **Reliability –** No false positives, only real threats.
- **Flexibility –** Adapts to all mission needs.

APPLICATIONS

- **Personnel Safety –** Real-time warnings save lives.
- **Defends Assets –** Protects vehicles and command posts.
- **All-Domain Protection –** Protects across air, land, and sea.
- **Infrastructure –** Protects bases, buildings and critical sites.

UPCOMING ROADMAP ENHANCEMENTS

- **Networking –** Onboard processing and integration with ATAK-based platoon connectivity.
- **Vehicle Integration –** Connects to battle management and active protection systems.
- **Threat Insights –** Pairs with DEFSEC's proven threat classification technology for real-time response tailoring.

TECHNICAL SPECIFICATIONS

- **Sensitivity Rating –** Detects photocurrents as low as tens of µA.
- **Pulse Range –** Captures 30 ns to 0.1 ms signals.
- **Threshold –** Alerts at 5 mV above noise.
- **Power –** 10-17 VDC, 2.8W nom/3.2W pk, Nett Warrior-compatible (6-pin connector, Glenair 808-274 cable).
- **Battery –** Proven with Nerv Centr SoloPack.
- **Range –** Proven detection of Class 1 & 3R lasers at ≥2 km (900–1550 nm).
- **Size –** 84mm (w) x 122mm (h) x 41mm (d)
- **Weight –** 250g

SPECIFICATIONS SUBJECT TO CHANGE AND CONTRACT



Soldier-worn application.