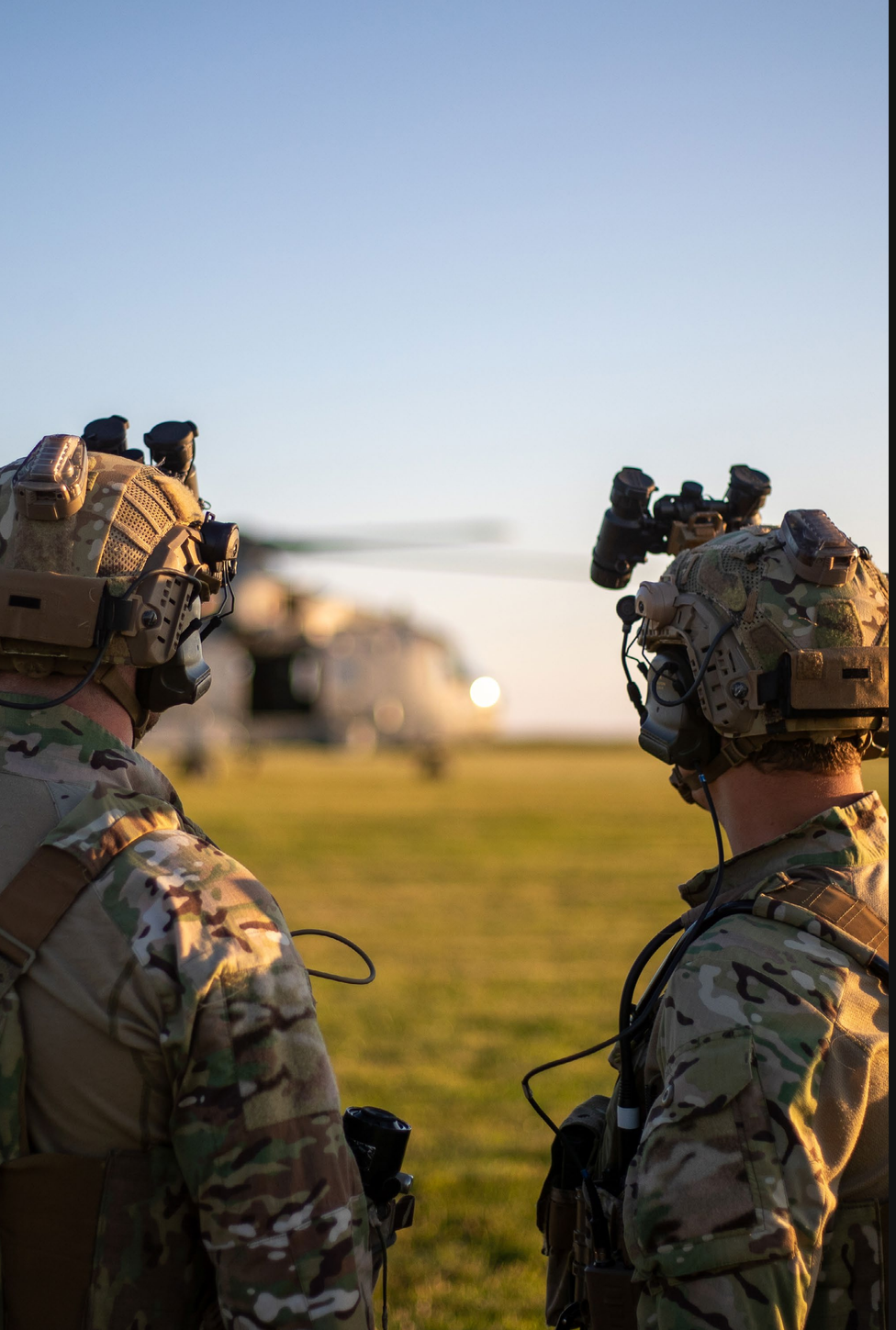

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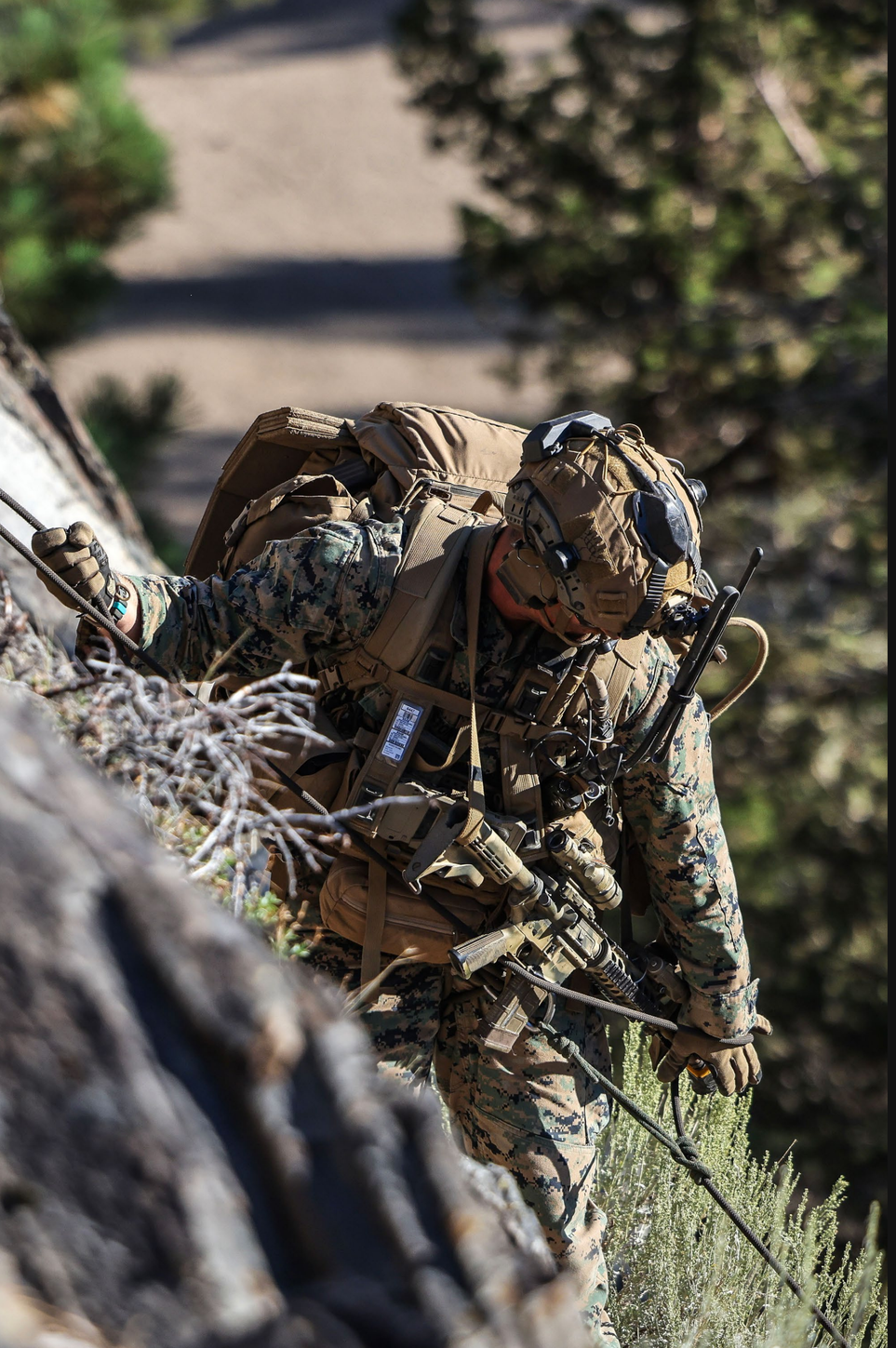
# SENTINEL MEDIA

## PARTNER WEBSITE PACK

EVERYTHING YOU NEED TO
DIGITALLY MARKET SENTINEL

PIONEERING LASER DETECTION
AND PROTECTION



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DOC NUMBER NEEDS UPDATING



PIONEERING LASER DETECTION
AND PROTECTION

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# HOW TO USE THIS DOCUMENT

## COPY + PASTE MESSAGING

The content in this document has been prepared by Sentinel Photonics to clearly outline our products, their benefits, and how they work. We kindly ask our partners to copy and paste the relevant messaging onto their websites wherever possible, to ensure consistency and alignment across all communications. This approach also simplifies the process of integrating Sentinel content into partner websites.

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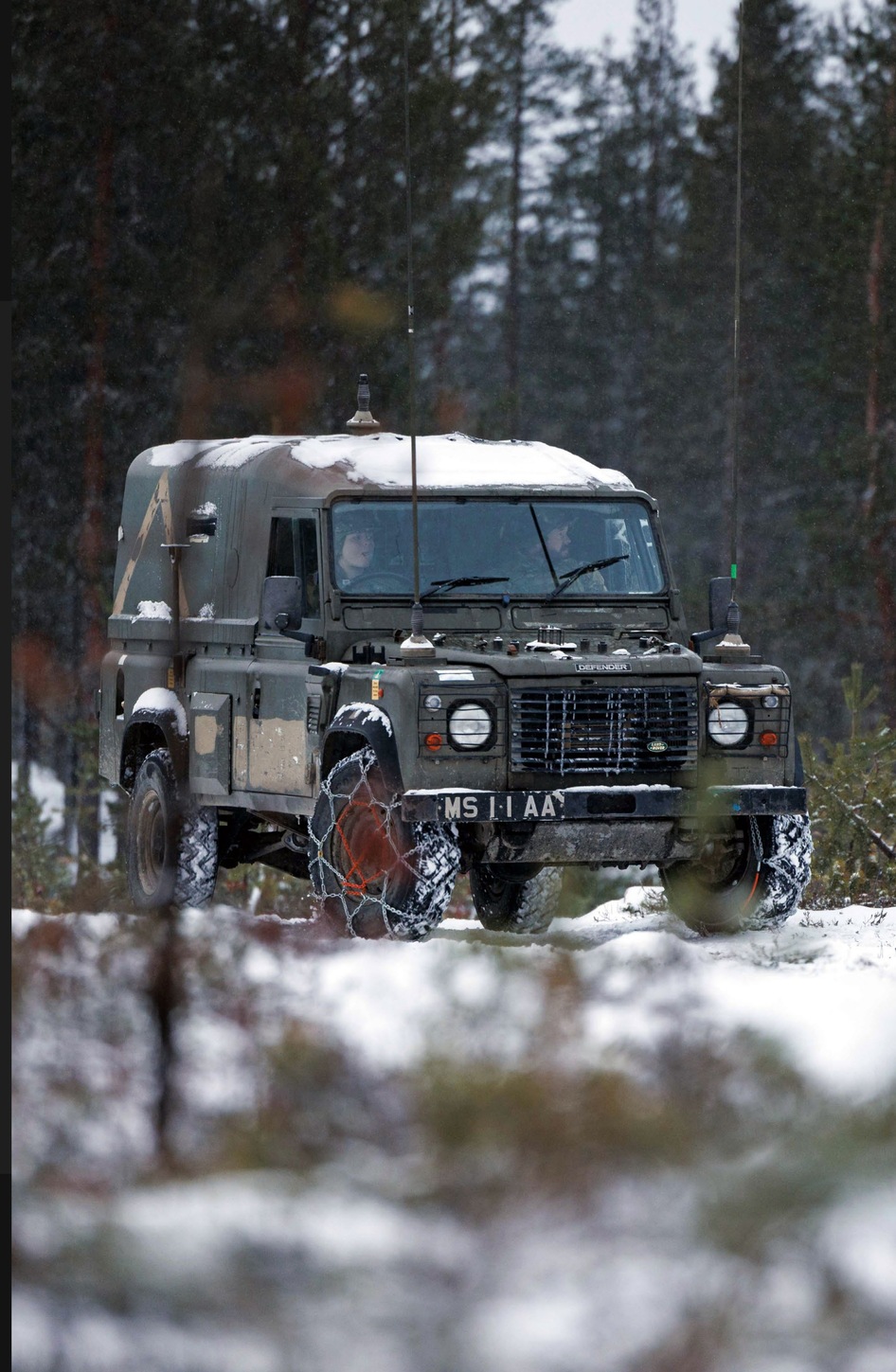
## DOWNLOAD + DROP IN IMAGERY

Please download and use the approved imagery provided in this pack when adding Sentinel content to your website or marketing materials. To maintain image quality and brand integrity, do not stretch, crop, or alter the proportions of any images. Images may be resized proportionally to fit your layout as needed.



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# ASSET LIBRARY

## SENTINEL LOGOS

SENTINEL LOGO - Black

SENTINEL LOGO - White

## LASERD® MICRO IMAGERY

MICRO IMAGE 1 MICRO IMAGE 2

MICRO IMAGE 3 MICRO IMAGE 4

MICRO IMAGE 5 MICRO IMAGE 6

MICRO IMAGE 7 MICRO IMAGE 8

## FROST® IMAGERY

FROST IMAGE 1 FROST IMAGE 2

FROST IMAGE 3 FROST IMAGE 4

FROST IMAGE 5 FROST IMAGE 6

FROST IMAGE 7 FROST IMAGE 8

## LASERD® NOMAD IMAGERY

NOMAD IMAGE 1 NOMAD IMAGE 2

NOMAD IMAGE 3 NOMAD IMAGE 4

NOMAD IMAGE 5 NOMAD IMAGE 6

NOMAD IMAGE 7 NOMAD IMAGE 8

## ECHO IMAGERY

ECHO IMAGE 1 ECHO IMAGE 2

ECHO IMAGE 3 ECHO IMAGE 4

ECHO IMAGE 5 ECHO IMAGE 6

ECHO IMAGE 7 ECHO IMAGE 8

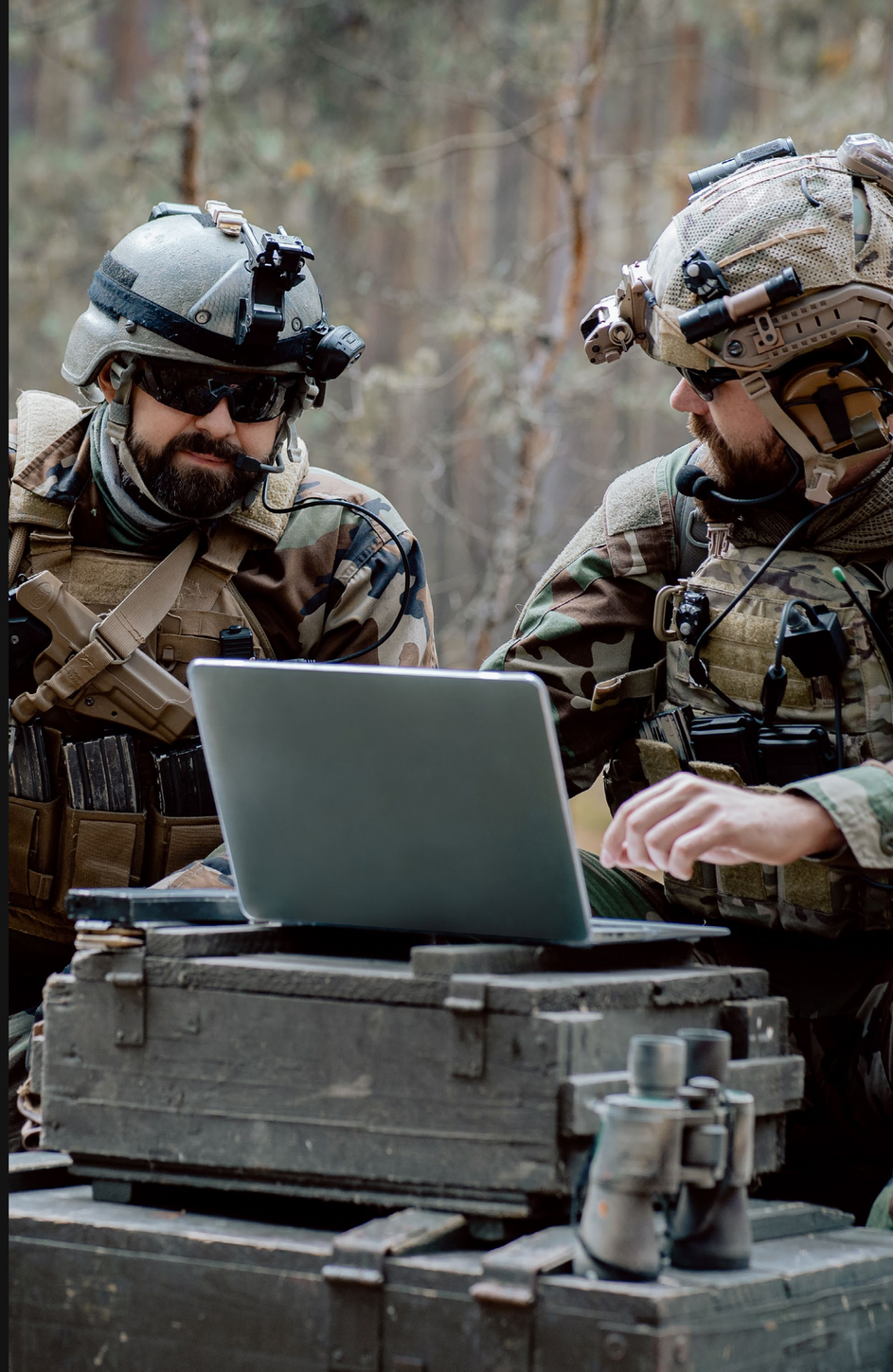
## LASERD® MAX IMAGERY

MAX IMAGE 1 MAX IMAGE 2

MAX IMAGE 3 MAX IMAGE 4

MAX IMAGE 5 MAX IMAGE 6

MAX IMAGE 7 MAX IMAGE 8



Sentinel Photonics

# WHO ARE SENTINEL PHOTONICS

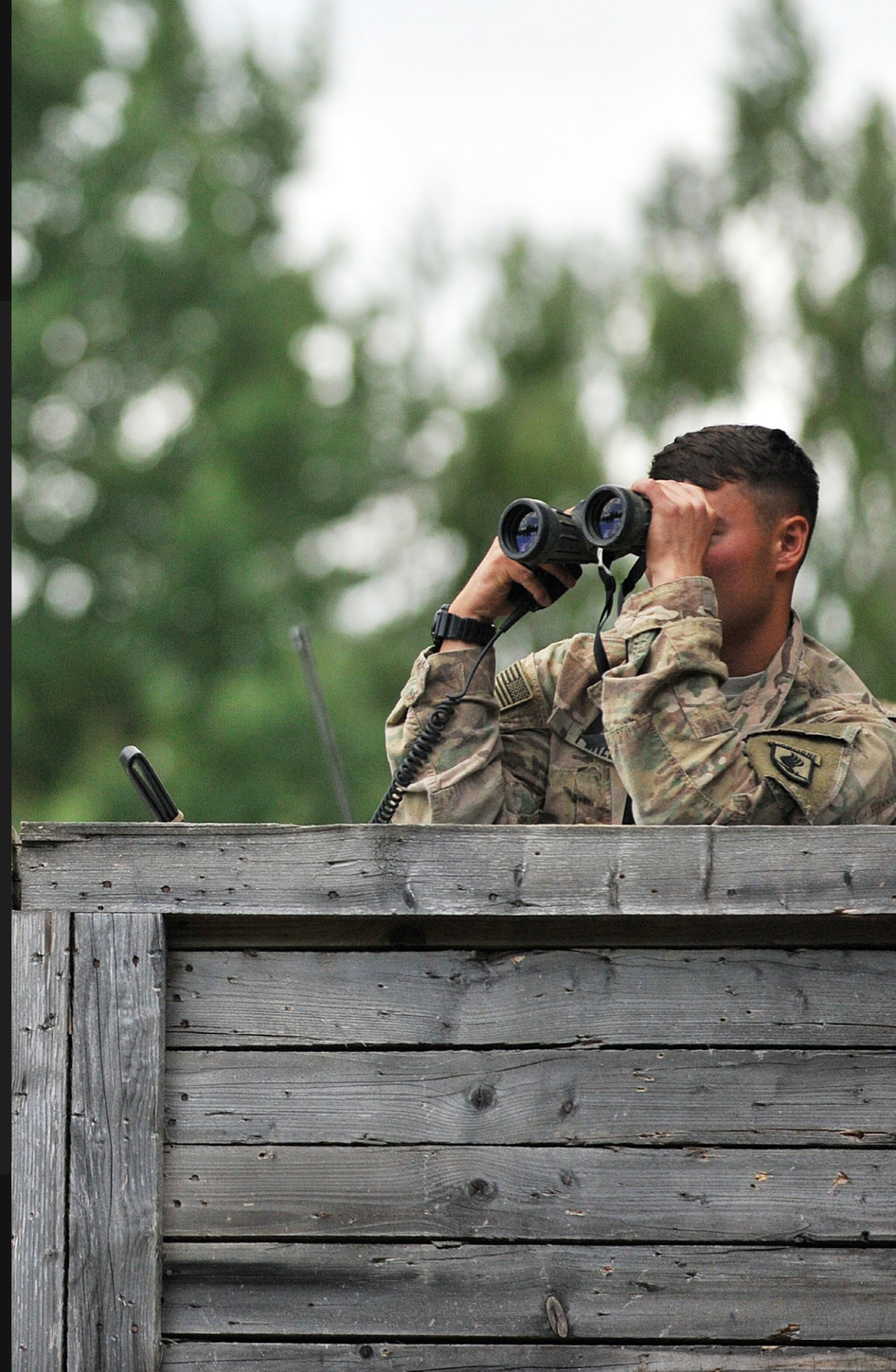
## ABOUT THE COMPANY

Sentinel Photonics is a pioneering defence technology company spun out from the UK Ministry of Defence. In just three years, it has evolved from a start-up to an industry leader in laser detection and protection systems. Operating from advanced R&D hubs at Cody Technology Park and Porton Science Park, the company develops cutting-edge solutions such as the LASERD® detector and FROST® protection system. With a focus on innovation and real-world impact, Sentinel Photonics is transforming how defence organisations approach laser threat mitigation worldwide.

---

## ABOUT THE PRODUCTS

The Sentinel product ecosystem is an integrated suite of technologies designed to deliver complete protection against laser-based threats. Combining advanced detection, analysis, and countermeasure systems, it provides seamless coverage from early warning to active defence. At its core are Sentinel Photonics' flagship products, LASERD® for precise threat detection and FROST® for rapid protection, working together to create a unified shield across platforms and environments. Scalable, modular, and adaptable, the Sentinel Ecosystem ensures mission readiness and safety in even the most demanding operational conditions.





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# FROST® RIFLE SCOPES & OPTICS

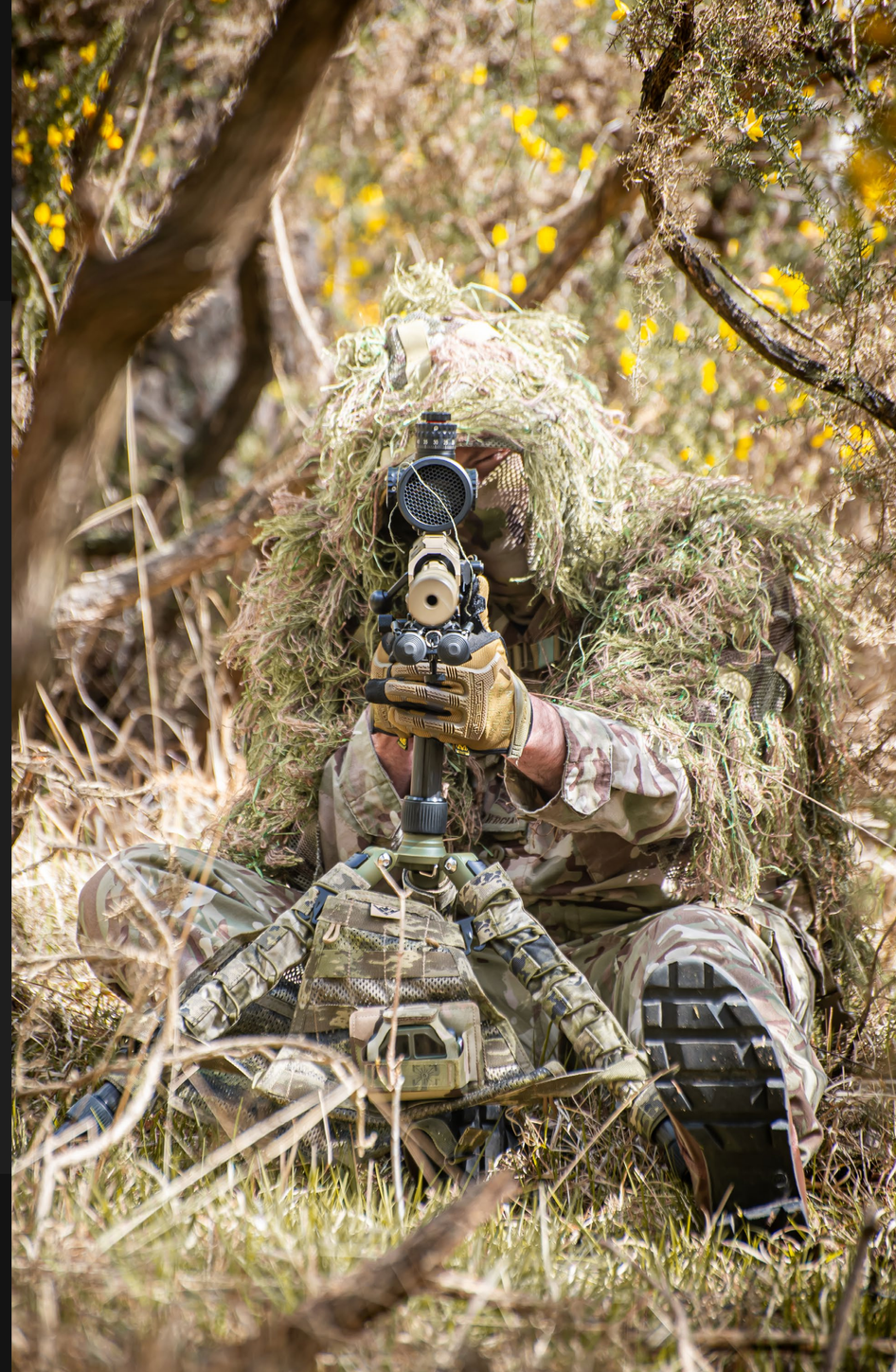
## OVERVIEW

FROST® Rifle Scopes & Optics is an advanced series of protective filters engineered for seamless attachment to the objective lenses of optics. Designed to provide both laser protection and counter-surveillance capabilities, it effectively prevents detection through retro reflection. Available in multiple protection levels to suit varying operational needs.

---

## BENEFITS + USPs

Specifications are based on real world, measured, threat data gathered using Sentinel's LASERD® intelligence gathering detectors. FROST®'s proprietary shock absorbing filter mount protects the filter during weapon recoil, and has been tested on large caliber weapons to relevant military standards. Sentinel has partnered with G&H | Artemis, a company with a 25 year heritage in this field, to provide world-class filters, boasting higher protection levels and clearer transmission than rivals. Sentinel provides custom mounts for a wide range of rifle scopes and can develop solutions for unique rifle scopes and optics upon request.





Sentinel Photonics

# FROST® RANGEFINDERS, DESIGNATORS & NVGs

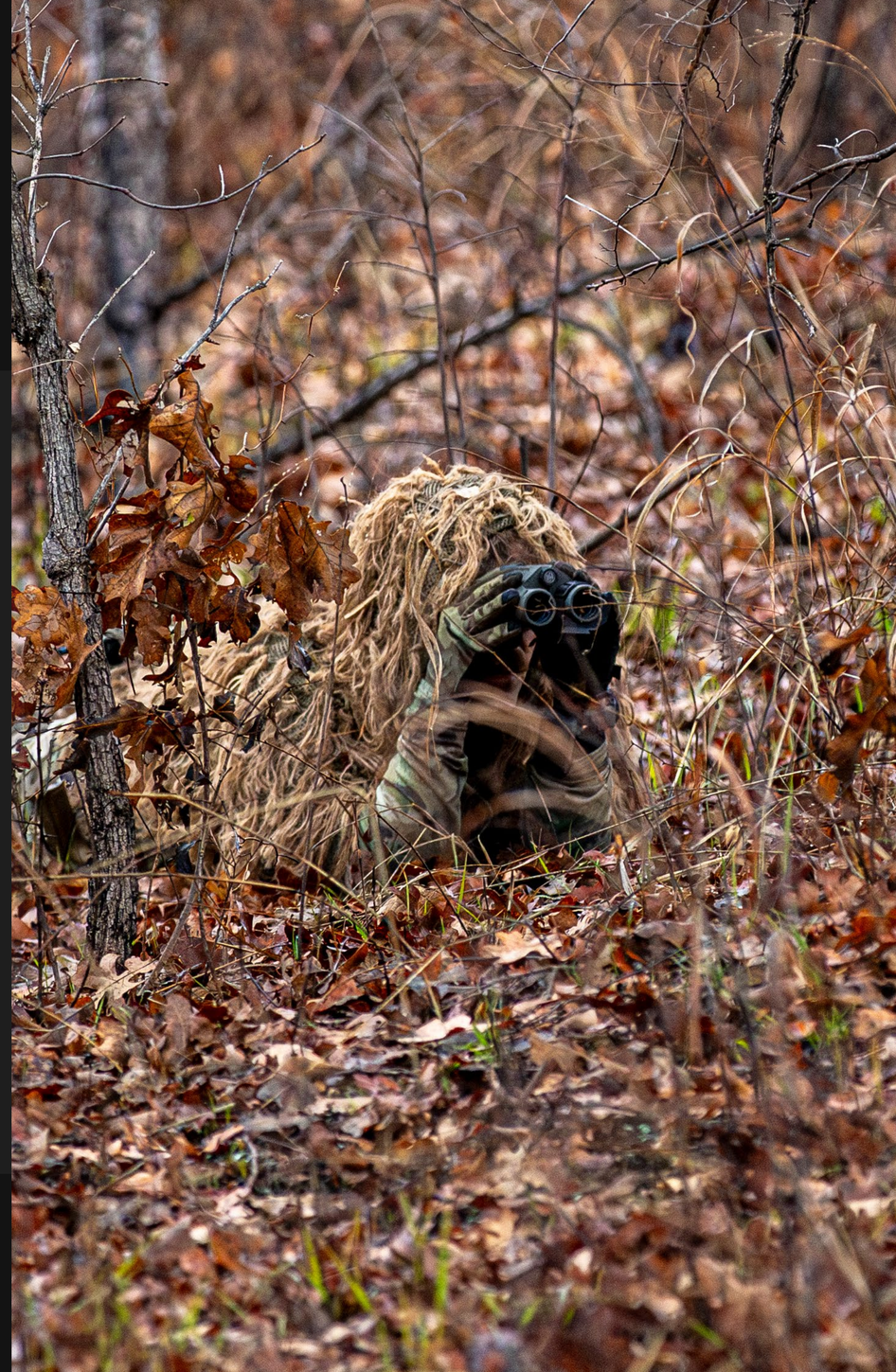
## OVERVIEW

FROST rangefinders, target designators & NVG's is an advanced series of protective filters engineered for seamless attachment or insertion into a vulnerable device. Designed to provide both laser protection and counter-surveillance capabilities, it effectively prevents retro reflection detection.  Available in multiple protection levels to suit varying operational needs, with bespoke filtering available across a wide range of wavebands, allowing the device to remain fully protected without impacting the devices performance.

---

## BENEFITS + USPs

Specifications are based on real world, measured, threat data gathered using Sentinel's LASERD® intelligence gathering detectors. Protection levels can therefore be updated according to up-to-date threat library information, providing our customers with a comprehensive laser protection capability. FROST®'s filters are designed to protect against specific or a range of threat wavebands while allowing your device to operate with minimal impact to performance. Sentinel has partnered with G&H | Artemis, a company with a 25 year heritage in this field, to provide world-class filters, boasting higher protection levels and clearer transmission than rivals. Sentinel's FROST® can be integrated directly into a device or mounted through a custom mask solution.





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# FROST® IMAGERY

FROST IMAGE 1

FROST IMAGE 2

FROST IMAGE 3

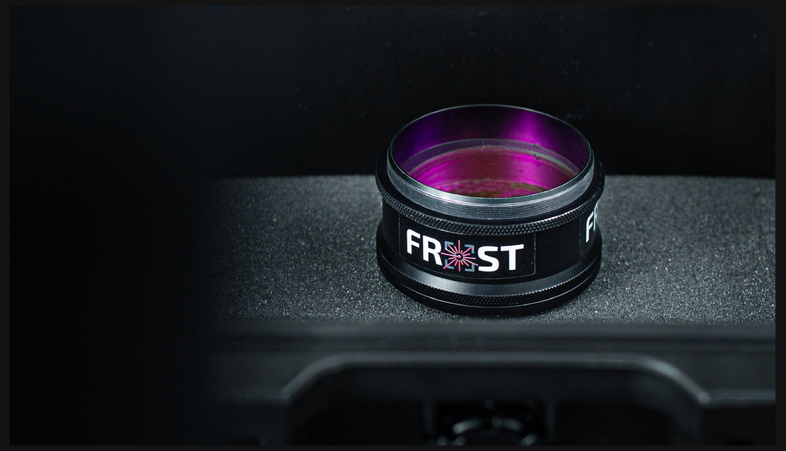
FROST IMAGE 4

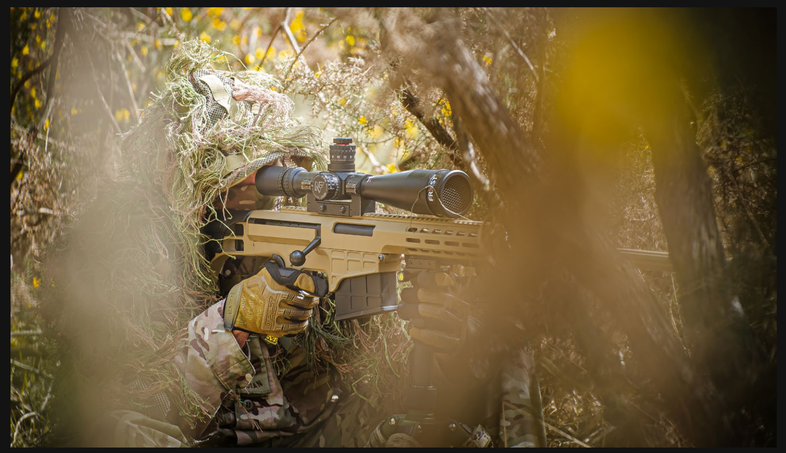
FROST IMAGE 5

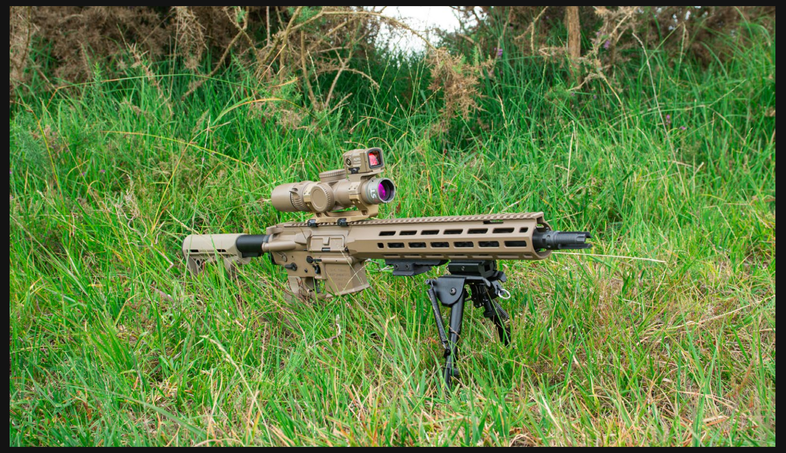
FROST IMAGE 6

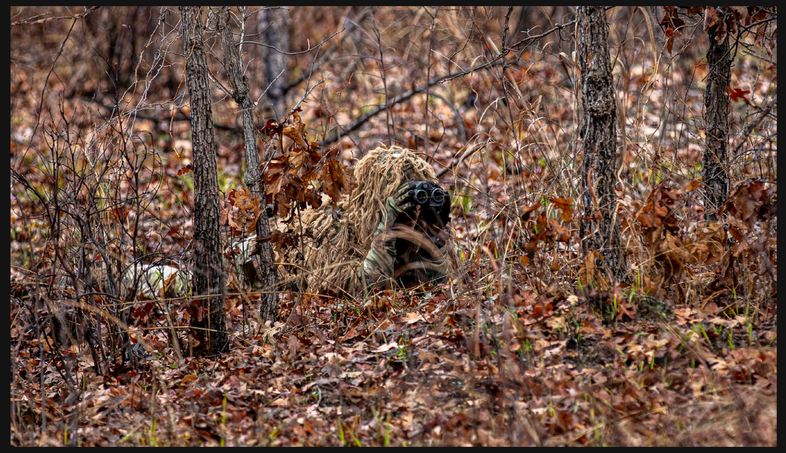
FROST CUT OUT IMAGE 1

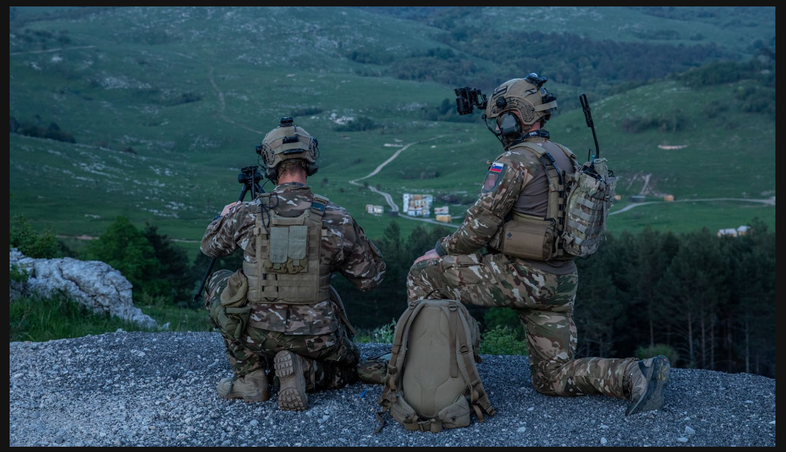
FROST CUT OUT IMAGE 2

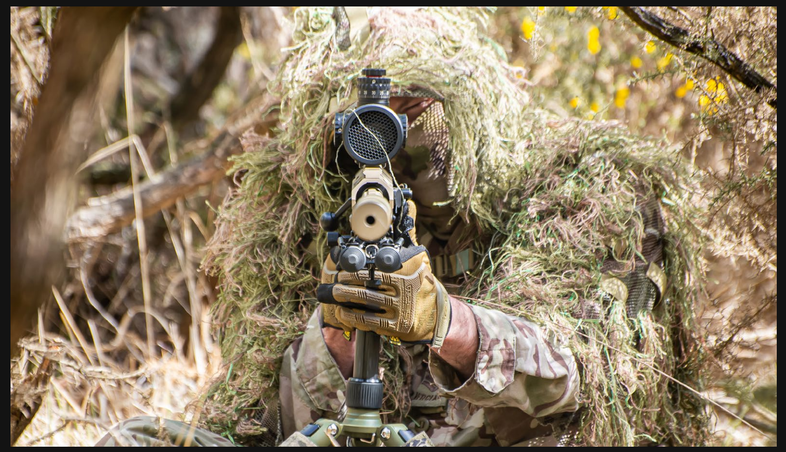










# ECHO MESSAGING

## OVERVIEW

ECHO is a rugged, lightweight detection system designed for military, security, and law enforcement teams operating in high-risk environments. Built to detect covert optical threats, including sniper scopes, binoculars, and surveillance gear ECHO identifies hostile optics at long range and across a wide field of view using retro reflection. Engineered for stealth, it reveals adversary positions without exposing your own. Compact, intuitive, and designed to IP67 and MIL-STD-810G standards.

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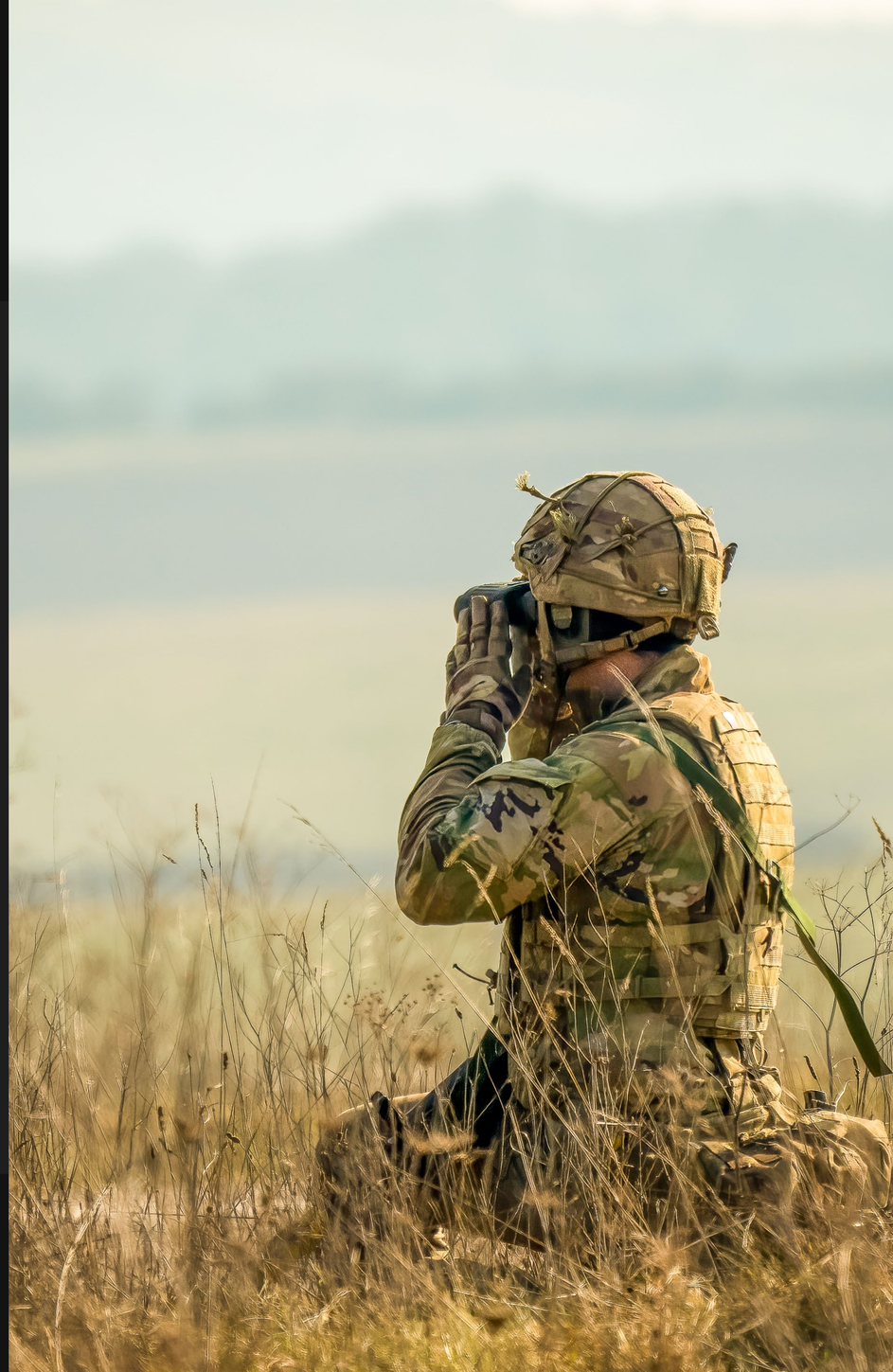
## BENEFITS + USPs

Identifies hidden scopes, binoculars, and surveillance lenses at long range using retro reflection without revealing operator position. Covers VIS, NIR, and SWIR wavelengths (600–1700nm) to detect a broad range of optical threats invisible to the human eye. Lightweight, low-SWaP, and certified to IP67 and MIL-STD-810G for all-weather, all-terrain use. Eye-safe operation with live detection and onboard recording, no training required.





Sentinel Photonics

# ECHO IMAGERY

ECHO IMAGE 1

ECHO IMAGE 2

ECHO IMAGE 3

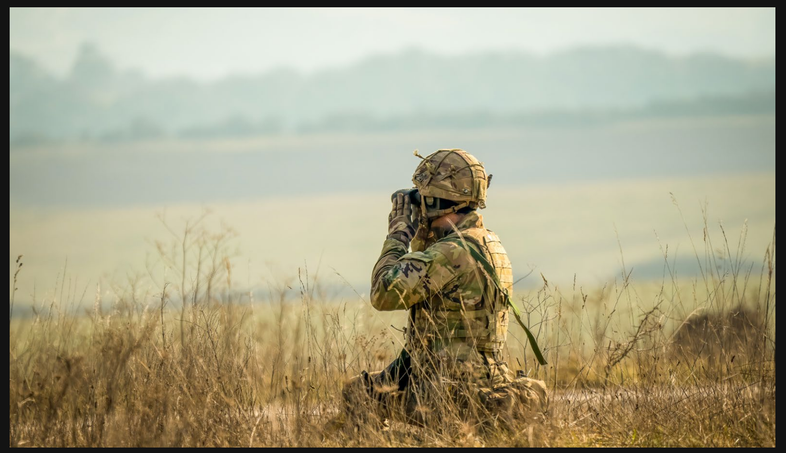
ECHO IMAGE 4

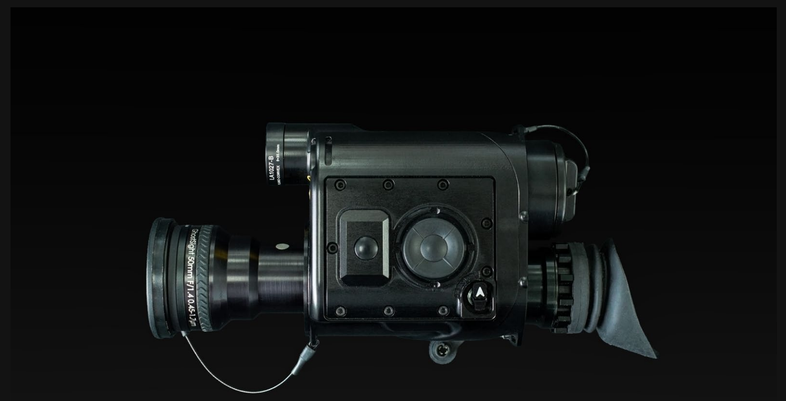
ECHO IMAGE 5

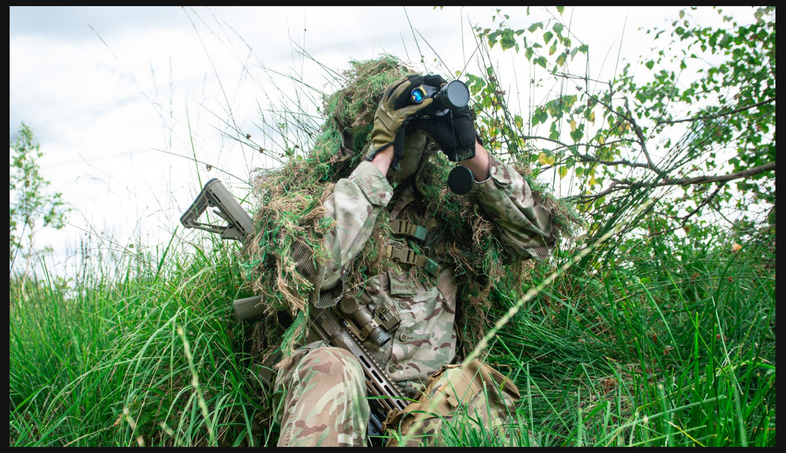
ECHO IMAGE 6

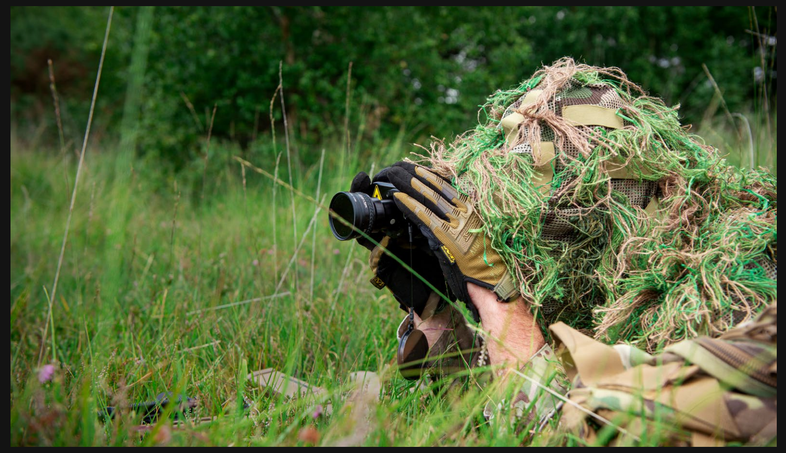
ECHO CUT OUT IMAGE 1

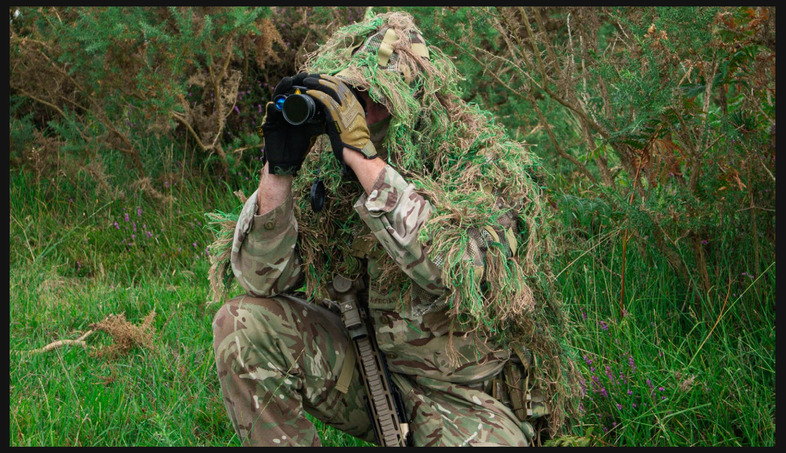
ECHO CUT OUT IMAGE 2

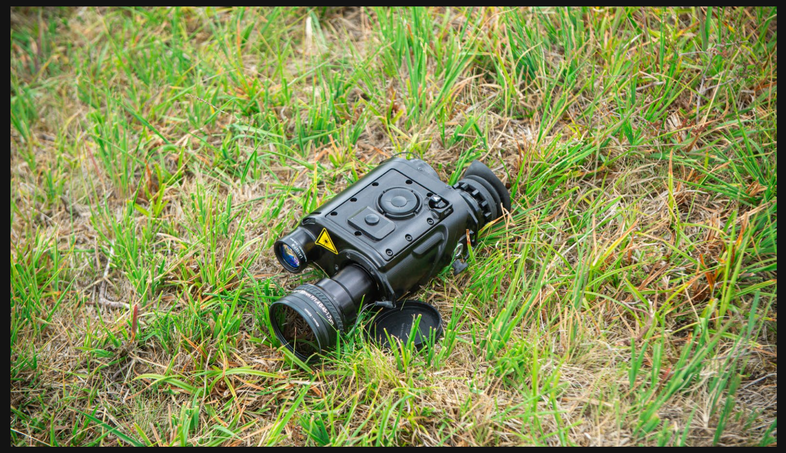












# LASERD® MICRO MESSAGING

## OVERVIEW

LASERD® MICRO is a compact, individual-wearable laser warning system that delivers real-time alerts against laser threats such as designators and rangefinders. It provides audio, visual, and digital warnings the moment targeting begins giving users critical seconds to respond before a strike. Built for integration, LASERD® MICRO connects with ATAK and other battle space management tools to cue external systems and enhance situational awareness. Lightweight, rugged, it brings high-end protection to the front line without slowing you down.

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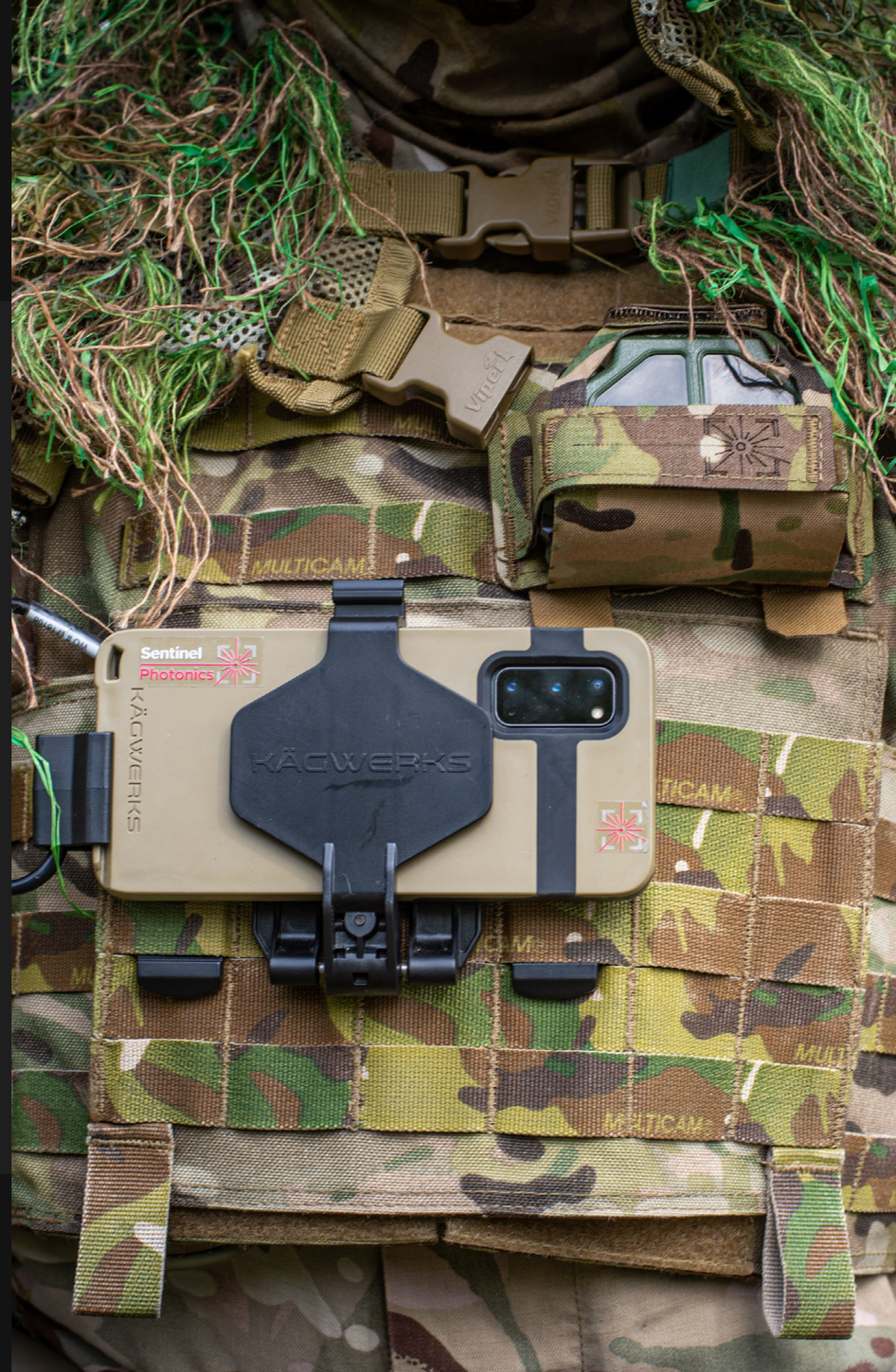
## BENEFITS + USPs

Smaller than a sports camera, ideal for rapid deployment when dismounted in high-threat environments and combat zones. Connects with ATAK and other systems to enhance situational awareness and streamline coordination. With-stands direct laser hits, harsh weather, and full sunlight tested in real conflict zones. Delivers immediate audio, visual, and digital warnings the moment you’re targeted, so you can react.






Sentinel Photonics

# LASERD® MICRO IMAGERY

MICRO IMAGE 1

MICRO IMAGE 2

MICRO IMAGE 3

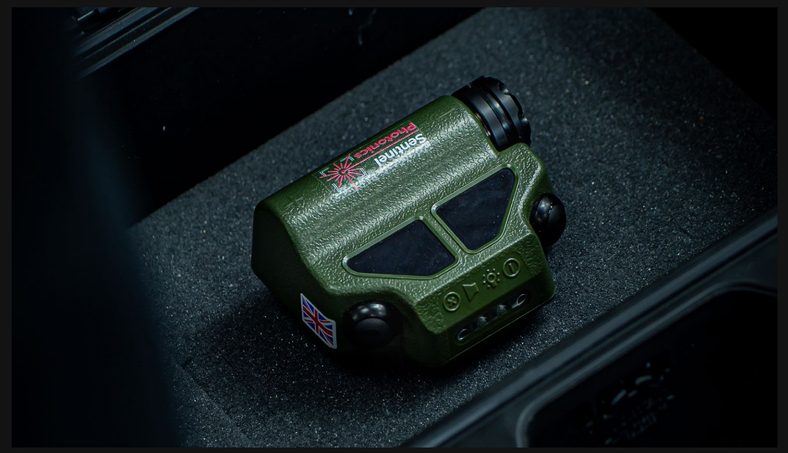
MICRO IMAGE 4

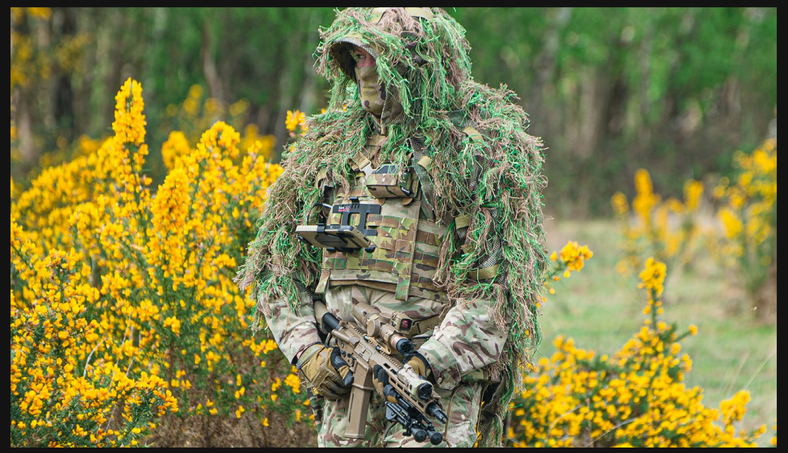
MICRO IMAGE 5

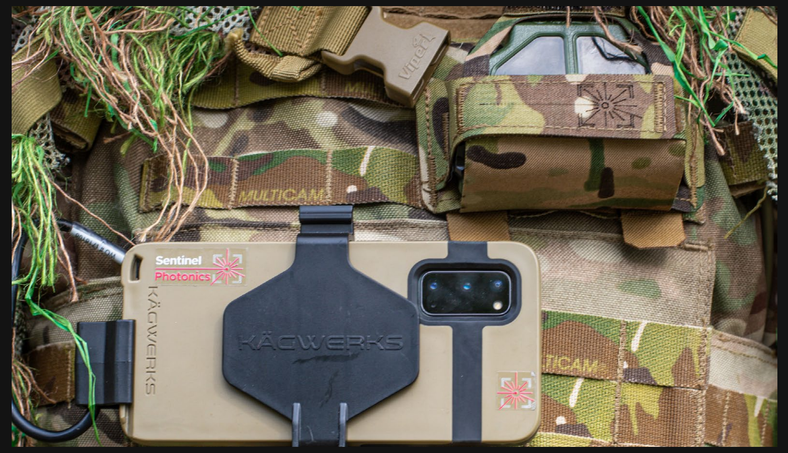
MICRO IMAGE 6

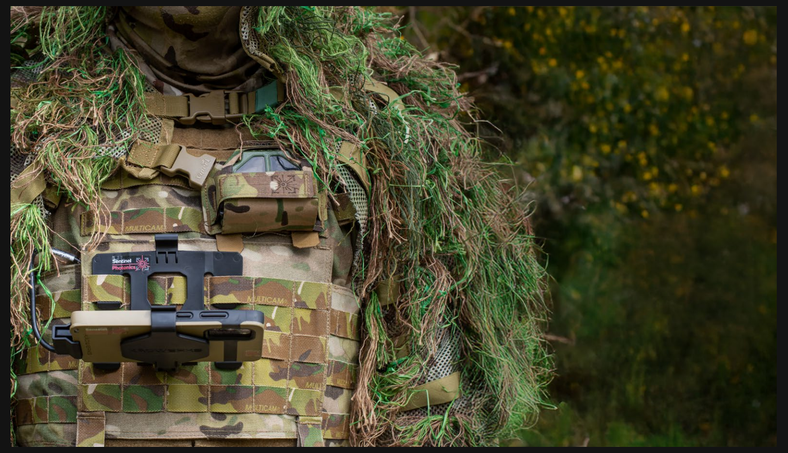
MICRO CUT OUT IMAGE 1

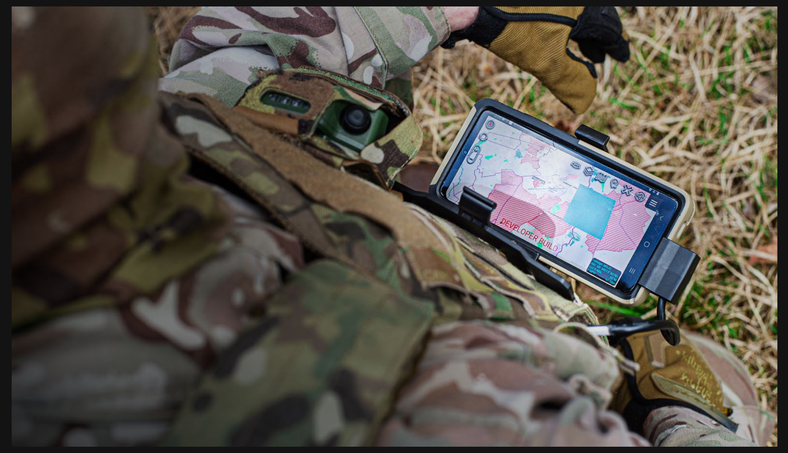
MICRO CUT OUT IMAGE 2





# LASERD® NOMAD MESSAGING

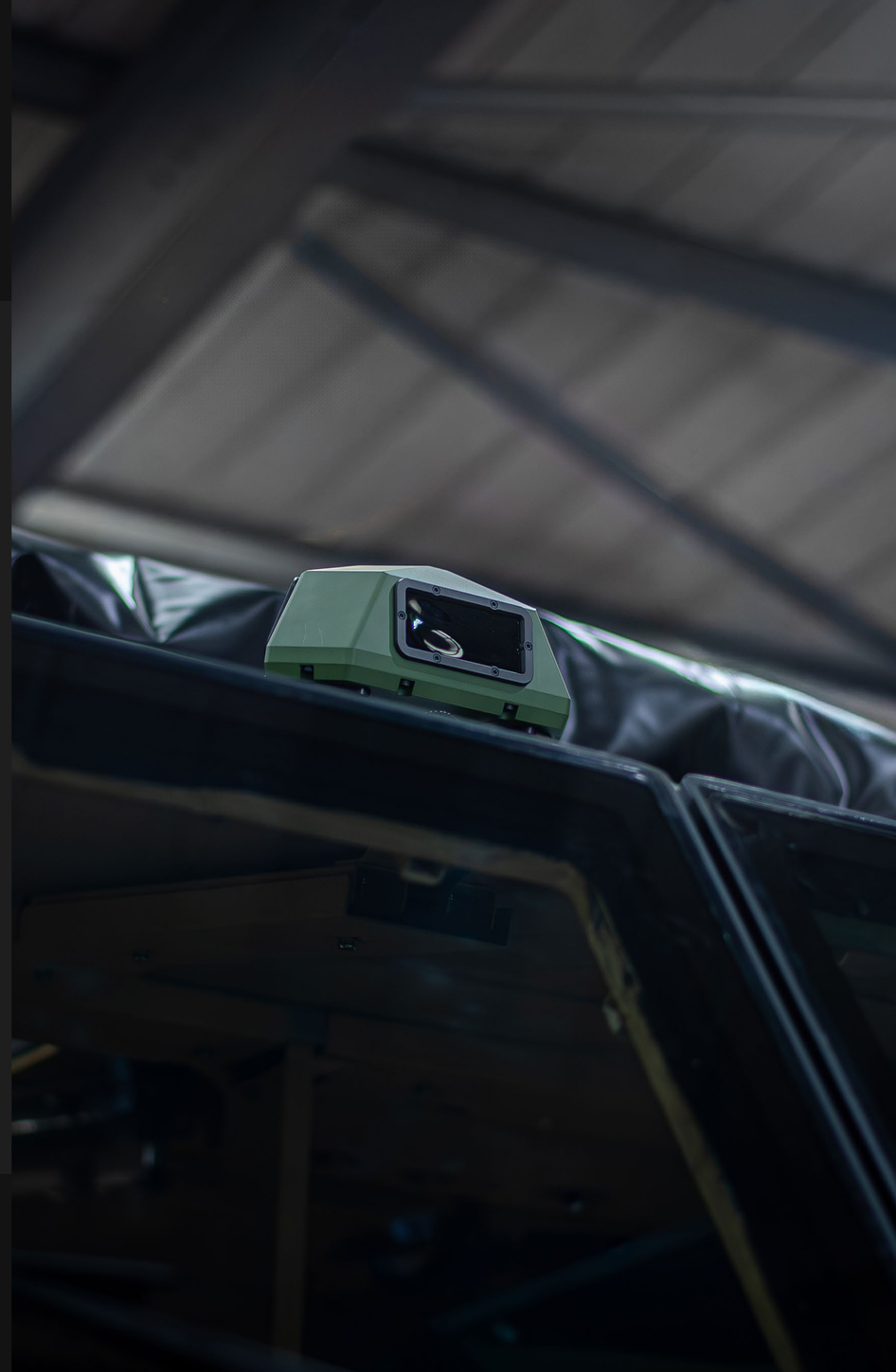
## OVERVIEW

A rapid-deploy, platform-mounted laser detection system that brings Sentinel's proven LASERD® tech to the field. Designed for military and security vehicles, LASERD® NOMAD retrofits easily and delivers continuous 360° monitoring for laser threats including range finders and target designators. It's advanced sensors and fast processing deliver instant alerts, giving crews the critical seconds needed to react and survive. Rugged and mobile, LASERD® NOMAD brings real-time threat awareness to wherever the fight is.

---

## BENEFITS + USPs

Rugged and reliable, performing flawlessly in the toughest conditions. Gives between 10 and 30s warning of an imminent precision-guided threat, allowing vehicle commanders time to take appropriate actions. No compromise to mobility, speed, or operational effectiveness of vehicle. Class-leading low false alarm rate ensures reliable 360-degree performance in contested battle spaces. Integrates with existing platform and platform systems, providing crews with critical situational awareness.





Sentinel Photonics

# LASERD® NOMAD IMAGERY

NOMAD IMAGE 1

NOMAD IMAGE 2

NOMAD IMAGE 3

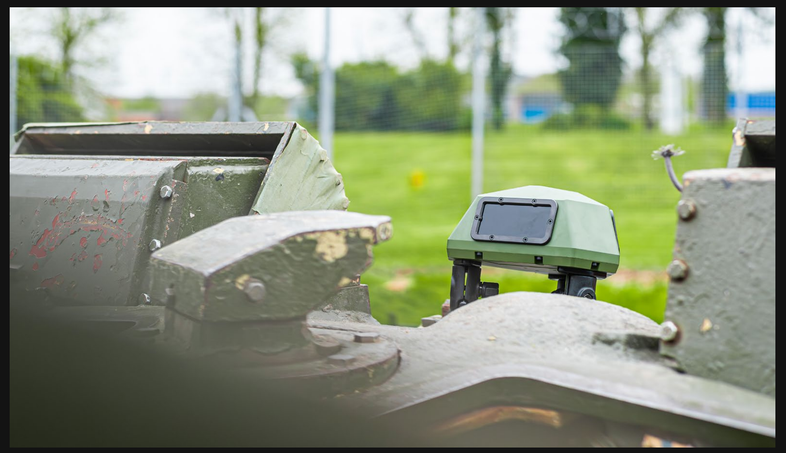
NOMAD IMAGE 4

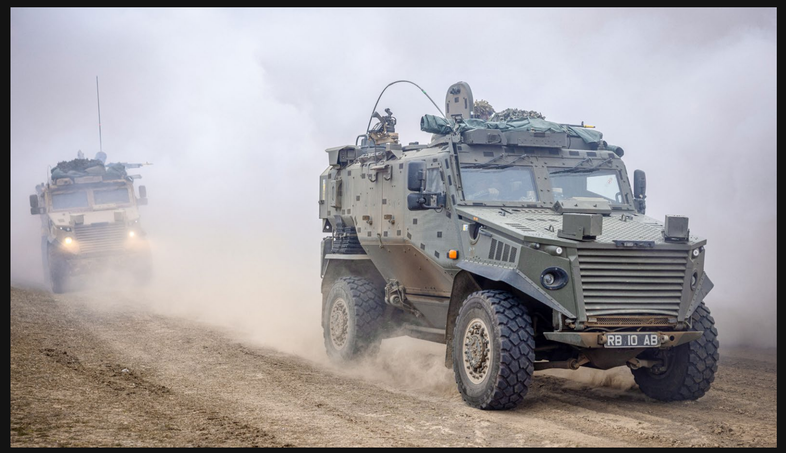
NOMAD IMAGE 5

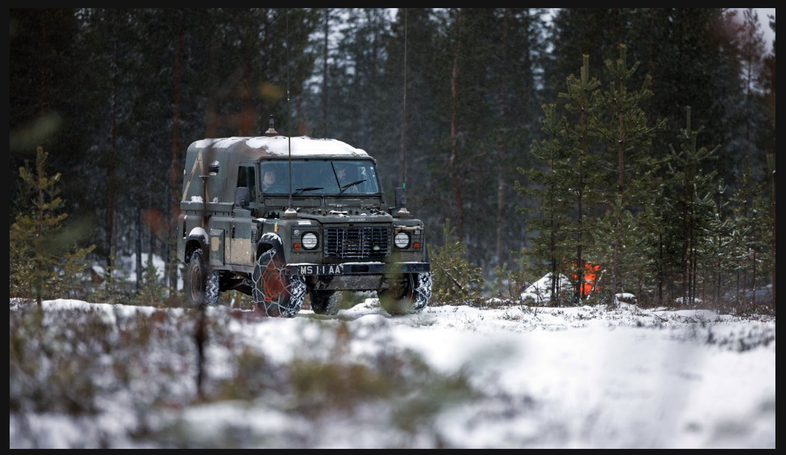
NOMAD IMAGE 6

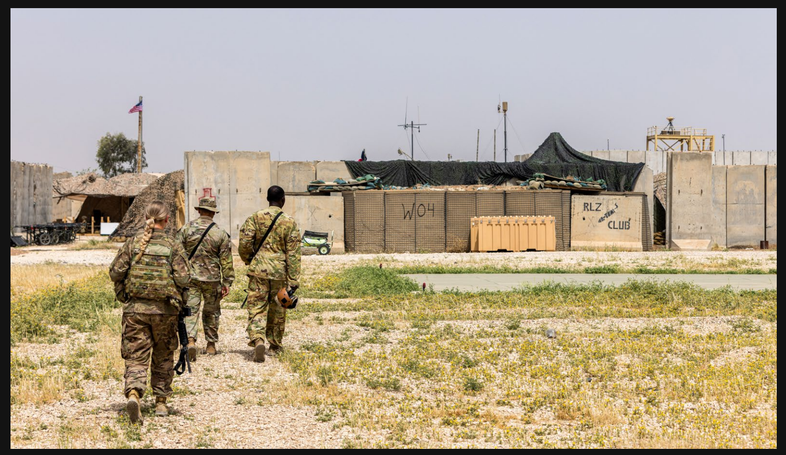
NOMAD CUT OUT IMAGE 1

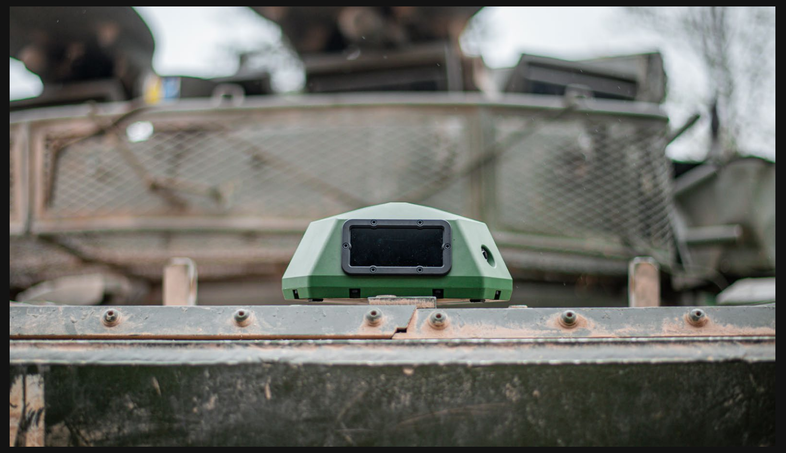
NOMAD CUT OUT IMAGE 2

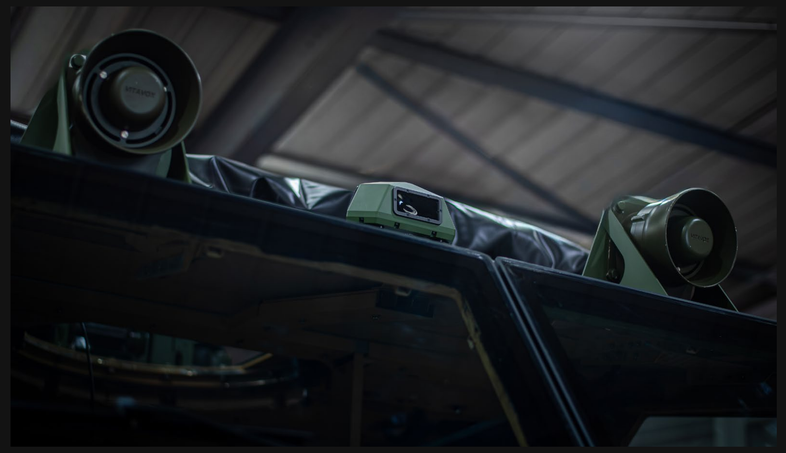






# LASERD® MAX MESSAGING

## OVERVIEW

LASERD® MAX is a high-performance detection system built for the modern electromagnetic battlefield. It scans, detects, and classifies multiple laser threats from designators and beamriders to LiDAR and retro reflection. Designed for use in tactical and strategic operations, it builds a clear Laser Intelligence (LasINT) picture of the environment in real time. Whether fixed or networked, LASERD® MAX delivers precision, speed, and complete laser visibility in contested domains.

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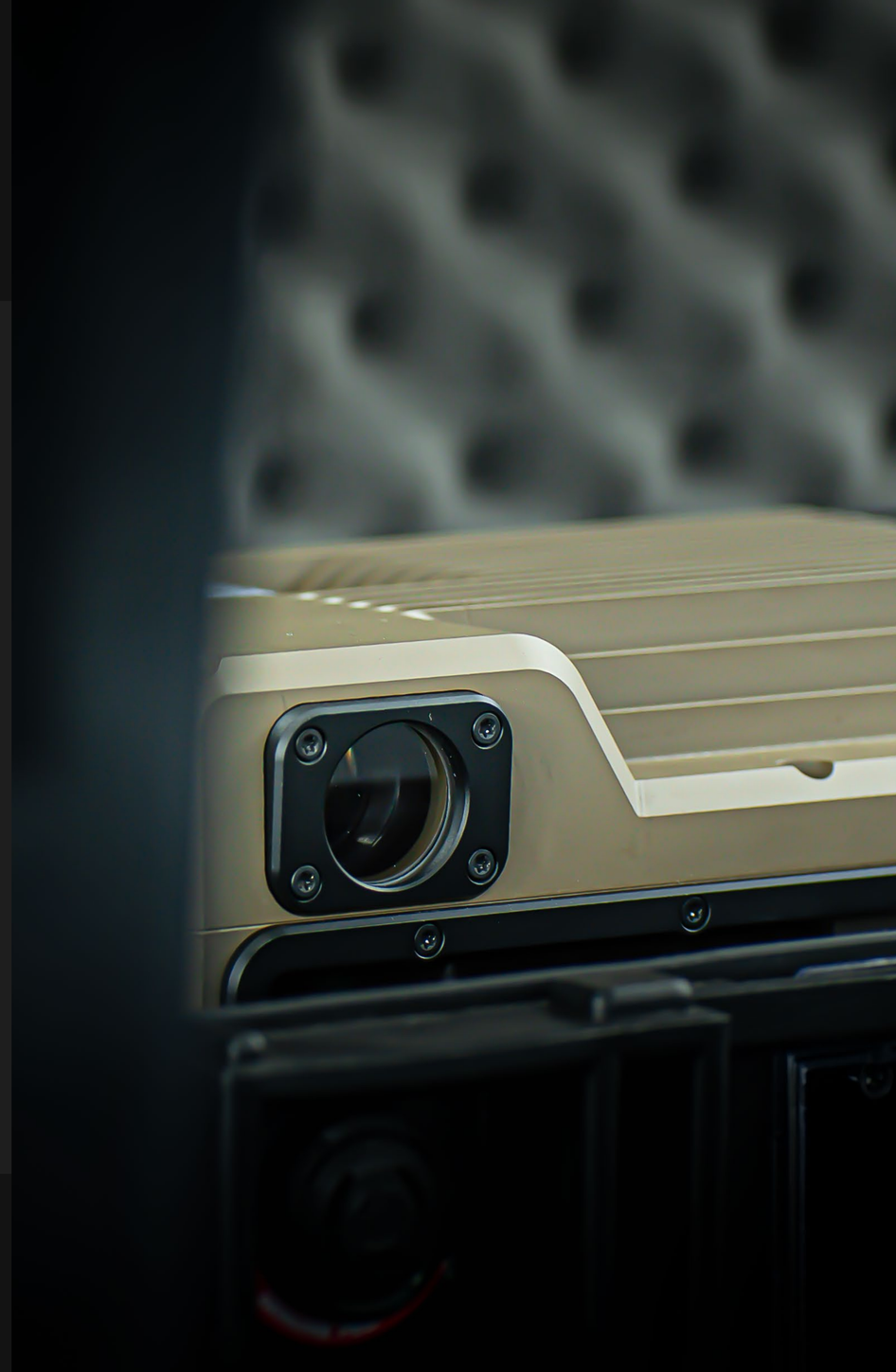
## BENEFITS + USPs

Identifies and classifies laser threats from designators to LiDAR, without emitting a detectable signal. Detects laser activity up to 10km with rapid capture rates that miss nothing in complex environments. Delivers real-time, actionable intelligence for both tactical teams and strategic command. Connects with C4ISR systems for remote control, threat sharing, and automated cueing.





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# LASERD® MAX IMAGERY

MAX IMAGE 1

MAX IMAGE 2

MAX IMAGE 3

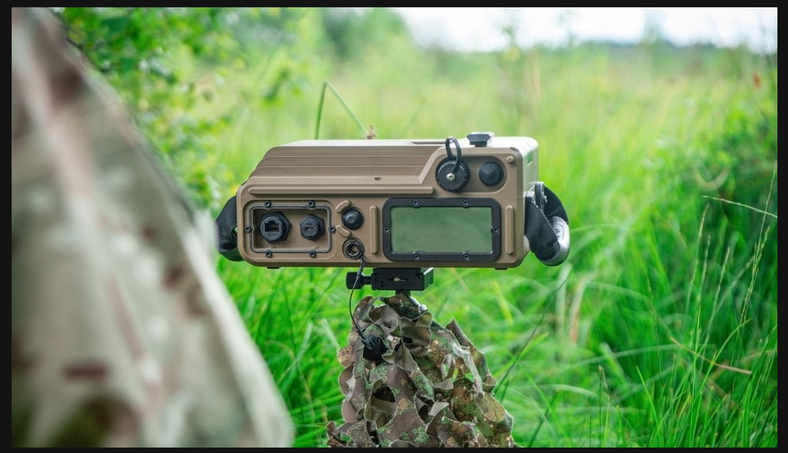
MAX IMAGE 4

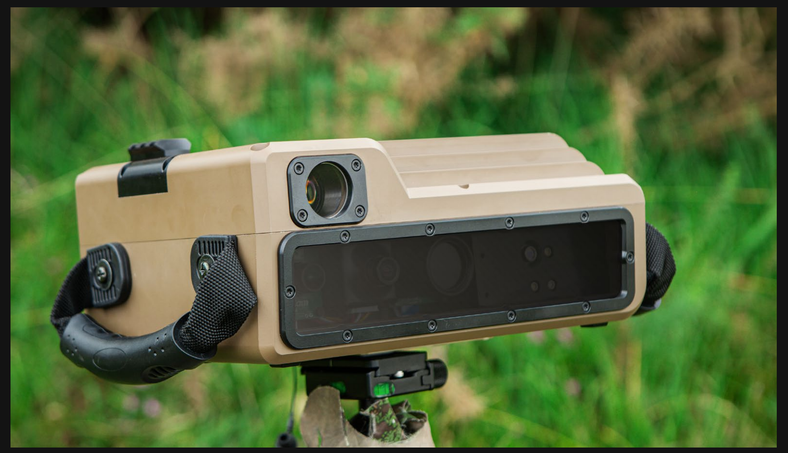
MAX IMAGE 5

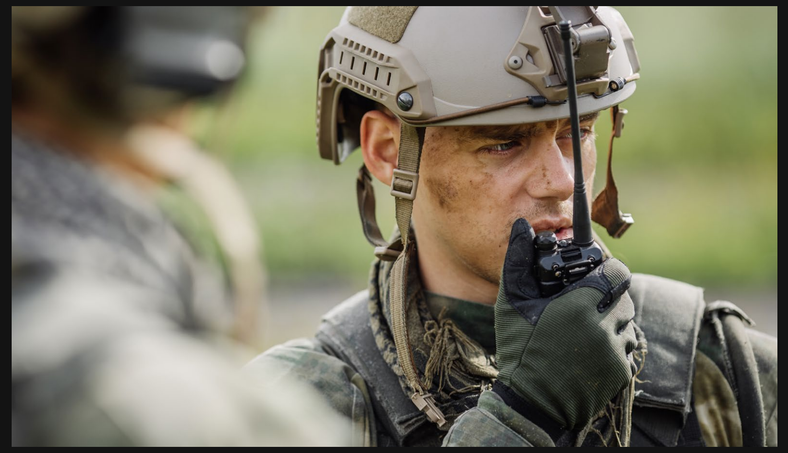
MAX IMAGE 6

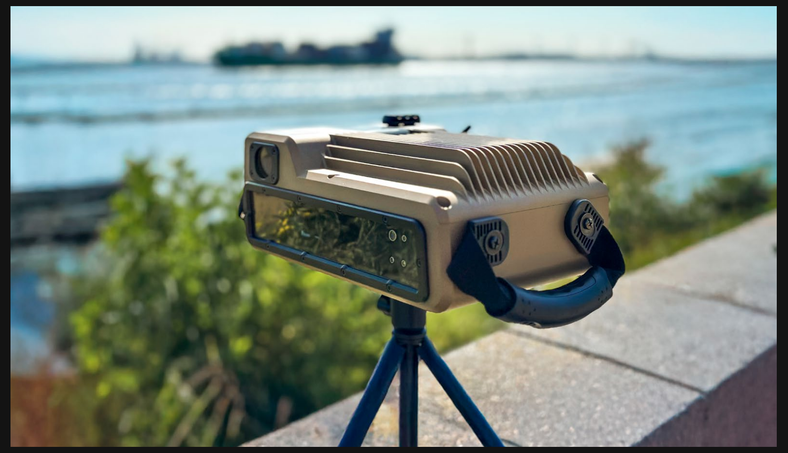
MAX CUT OUT IMAGE 1

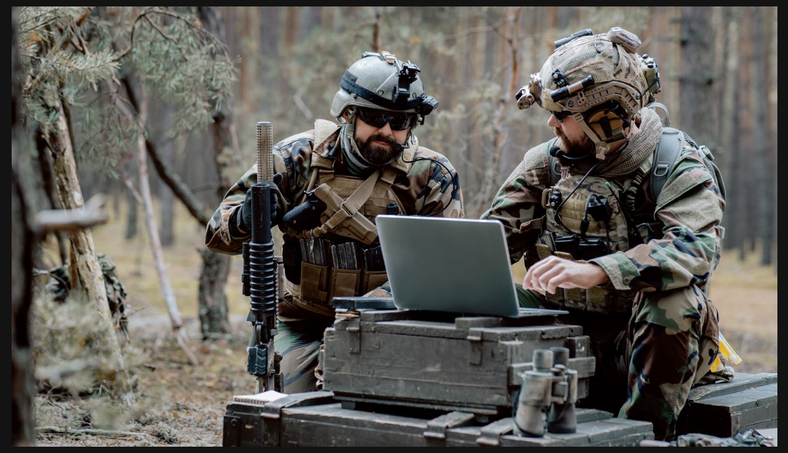
MAX CUT OUT IMAGE 2

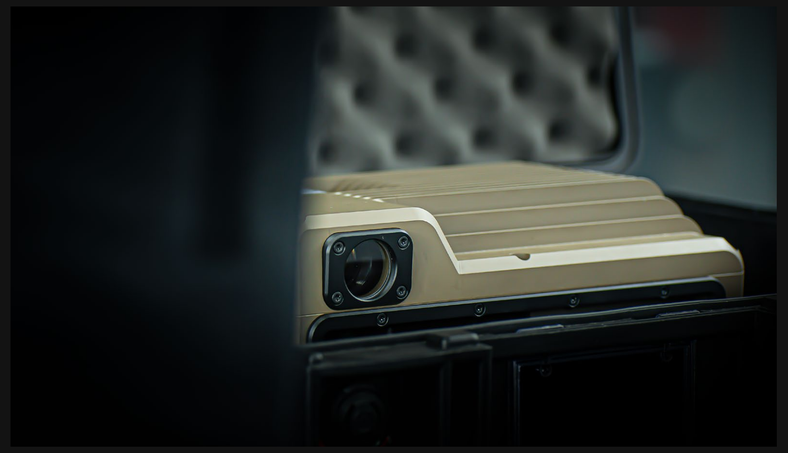












# THREAT GLOSSARY

## Laser Directed Energy Weapons (LDEW)

LDEWs are high-powered lasers designed to damage or destroy targets by concentrating energy on a precise point. They can disable sensors, blind optics, or even burn through materials all at the speed of light and often silently and invisibly.

**Our Solutions:** 

## Communications and Microphones

Laser communications transmit data via modulated light beams, offering secure, long-range, line-of-sight links. Laser microphones work by detecting vibrations on surfaces and through windows, allowing eavesdropping from a distance without physical contact.

**Our Solutions:** 

## Laser Pointers

Often used to mark or designate targets for precision strikes. Though low-powered, they can also be used by adversaries to distract, blind, or confuse personnel and sensors posing a real threat on the battlefield or during patrols.

**Our Solutions:** 

## LiDAR (Light Detection and Ranging)

Pulsed laser beams that map environments by measuring the time it takes for the light to bounce back from surfaces. It's used for navigation, targeting, threat detection, and autonomous vehicle guidance. It can be used by adversaries for detailed mapping of military sites.

**Our Solutions:** 

## Rangefinders

Measures the distance to a target by timing how long it takes for a laser pulse to reflect back. It's used for targeting, surveillance, and fire control systems. Adversaries can also use them to scout or pre-target military assets.

**Our Solutions:** 

## Designators

Laser designators are targeting tools that emit a coded laser beam to "paint" a target for precision-guided munitions. These lasers guide bombs, missiles, or artillery shells to strike with high accuracy.

**Our Solutions:** 

## Beamriders

Beamrider systems guide munitions such as missiles or projectiles, by keeping them within a directed laser beam aimed at the target. The munition "rides" the beam all the way to impact.

**Our Solutions:** 

## Illuminators

Laser illuminators are used to light up a target area with infrared or visible laser light, enhancing visibility for night vision devices or optical sensors. They can aid identification and targeting in low-light conditions but can also reveal positions or to confuse and disrupt optics.

**Our Solutions:** 

## Retro Reflection

Retro reflection occurs when laser light is bounced directly back to its source, typically from special materials or optical surfaces like lenses. In defence and surveillance, this effect can be exploited to detect and identify sensors, cameras, or optical devices.

**Our Solutions:**