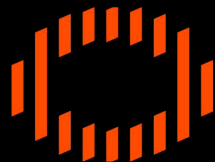


PHOTON GUARD



— ADVANCED DEFENSE LIGHTING —



MISSION FOCUSED



BUILT FOR RELIABILITY



ENGINEERED
TO PERFORM



INTEGRATED. INTELLIGENT. MISSION READY

A fully integrated lighting and sensor solution combining adaptive LED illumination, thermal / night vision, and smart obstacle detection in a rugged, low-profile design.

NIGHT VISION / THERMAL CAMERA

High-performance infrared / thermal camera with vacuum-coated optics for superior clarity in all conditions. Enables detection of personnel, vehicles and terrain beyond visible light, even in complete darkness, smoke or adverse weather.



PROXIMITY RADAR

Embedded phased-array radar for 360° obstacle detection and intelligent environment awareness. Provides real-time detection, classification and distance measurement of obstacles, enhancing crew safety and operational efficiency.



TURN INDICATOR

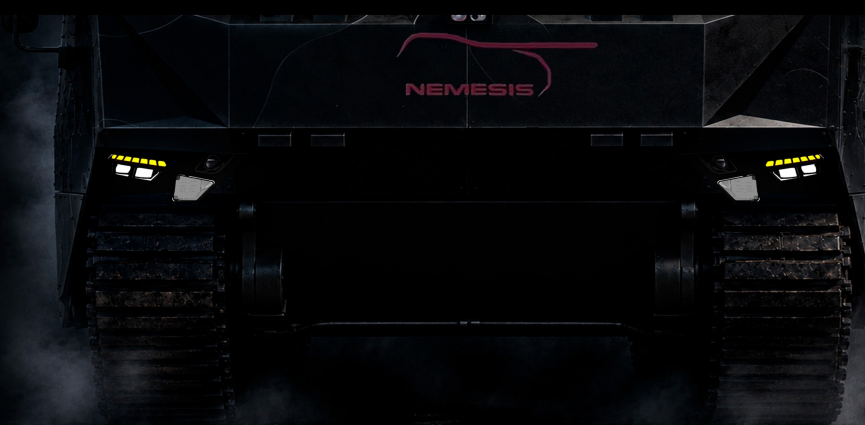
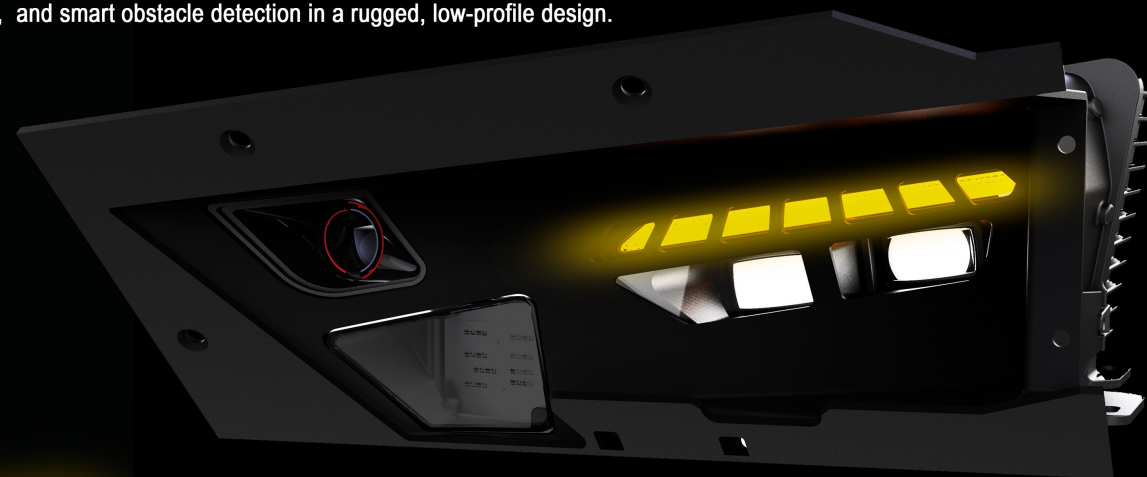
High-intensity sequential LED turn signal for maximum visibility and intuitive communication. Dynamic lighting pattern improves reaction time and reduces the risk of misinterpretation.



ADAPTIVE LED HEADLIGHTS

Left: Low Beam – optimized for short-range illumination with minimal glare.

Right: High Beam – high-intensity long-range visibility for maximum situational awareness. LED technology ensures durability, efficiency and consistent performance.



— TECHNICAL HIGHLIGHTS —



RUGGED DESIGN

Built to withstand the harshest environments and mission profiles.



MULTI-SENSOR FUSION

Combines vision, radar and lighting for superior situational awareness.



INTELLIGENT INTEGRATION

Seamless integration with vehicle systems and external networks.



ENERGY EFFICIENT

Advanced LED technology and smart power management reduce energy consumption.



EASY MAINTENANCE

Modular components and robust construction for reduced lifecycle costs.



MISSION PROVEN

Engineered for defense applications. Tested. Reliable. Trusted.