



ARGUS



Radar-Based Technology Redefining the Future of Roadway Safety

ARGUS, fortified by advanced all-weather sensing technology and incorporating Internet of Things with fuzzy rule-based algorithms, leads the way in achieving unparalleled precision in detecting oncoming vehicles, while enabling precise tracking. It empowers individuals with timely threat warnings, affording them the crucial time needed to take appropriate safety measures.

Developed in collaboration with York Regional Police and York University

Rigorously tested in collaboration with industry experts and leaders, ARGUS stands as the epitome of accuracy and reliability. From bustling city streets to remote highways, ARGUS excels in diverse scenarios, redefining the way we safeguard ourselves and our loved ones on the road.

Embrace peace of mind on the road with ARGUS, your silent guardian.

Key Features



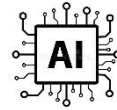
Intuitive and Easy Setup



Realtime Alerts



Cost Effective



AI Powered



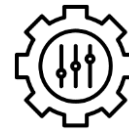
Detection and Tracking



Intelligent Threat Analysis



Radar-based Target Detection



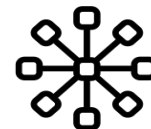
Customizable



Zero Maintenance




Mobile Warning





Scalable



Multiple Lane Traffic Detection


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Airborne
Underwater
Geophysical
SIGNALS





Obtain geolocation



Monitor oncoming traffic



Evaluate threat



Send Alerts

ARGUS stands as a unique offering in the market, with minimal setup requirements that significantly reduce the need for extensive human intervention to ensure efficient traffic alerts.

Unlike other solutions, ARGUS doesn't rely on vehicle electronics or displays to generate threat alerts. Instead, it delivers alerts directly to the mobile devices commonly carried by first responders, eliminating the requirement for extra equipment and effort to interpret warnings.

Unlocking a World of Safety Possibilities: ARGUS, with its exceptional versatility, extends its protective capabilities beyond first responders. This adaptable technology can be customized to enhance roadway safety across various scenarios, making it an invaluable asset for any safety-conscious organization.

System Specifications

Operating frequency	24.127 GHz
Radar Cross section	> 10 m ² (LMV-HMV)
Radar dimension	8.07"X4.7"X3.25"
Radar Telemetry	Frequency: 10 Hz; Range: >200m; speed >120 km/hr; Angle: -15° to 15°
Power supply	12 VDC
Communication	Ethernet MQTT over TCP/IP.
Enclosure	Plastic; Weatherproof

| Applications

First Responder Safety



Work zone safety



Traffic & Pedestrian Safety

