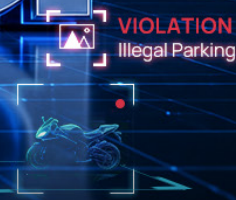


Intelligent Video Violation Detection

VioGuard

Milesight VioGuard Technology



A MILESIGHT TECHNOLOGY MOMENT



What is VioGuard ?

VioGuard is Milesight's proprietary, cutting-edge [traffic violation detection technology](#), engineered to deliver a comprehensive suite of intelligent traffic enforcement capabilities. Powered by advanced dedicated AI algorithms, VioGuard enables highly accurate, efficient, and reliable violation detection, empowering [smarter traffic management & enforcement](#) while enhancing roadway safety and operational efficiency.



What Can VioGuard Do?

VioGuard delivers a full suite of traffic violation detection capabilities, including:



Red Light Violation

Milesight VioGuard supports [Red Light Running Detection](#), [Red Light Stop Line Violation Detection](#), and False Start Detection, providing comprehensive monitoring of critical signal-related driving behaviors. By accurately identifying different types of red light violations and risky movements at intersections, it reduces the likelihood of accidents caused by signal non-compliance.

■ Red Light Running

■ Red Light Stop Line Violation

■ False Start

Road Traffic Violation

Milesight VioGuard supports a wide range of Road Traffic Violation Detection functions, including [Illegal Lane Change](#), [Speeding Violation](#), [Reverse Driving](#), [Not Following Directional Sign](#), [Bus Lane Violation](#), [Truck Restricted Lane Violation](#), and [Emergency Lane Violation](#). By automatically detecting and recording various traffic violations, VioGuard helps improve enforcement efficiency, promotes safer and more disciplined driving behavior, and enhances overall road safety and traffic flow management.

■ Speeding Violation



■ Illegal Lane Change



■ Reverse Driving



■ Not Following Directional Sign



■ Bus Lane Violation



■ Truck Restricted Lane Violation



■ Emergency Lane Violation



Risky Driving Behavior

Milesight VioGuard supports [Phone Use Detection](#) and [Seatbelt Unfastened Detection](#), enabling authorities to identify high-risk driving behaviors that can lead to serious accidents. By automatically detecting driver distraction and seatbelt non-compliance, VioGuard helps improve road safety, encourages responsible driving habits, and supports more effective traffic enforcement.

Phone Use



Seatbelt Unfasten



Suspicious Vehicle

Milesight VioGuard supports [the identification of Unlicensed Vehicles and Allowlist/Blocklist Vehicles](#), helping authorities quickly detect vehicles of interest and enforce access or traffic regulations more effectively. By enabling automated vehicle monitoring and real-time notifications, VioGuard enhances operational efficiency, strengthens security management, and improves situational awareness across monitored roadways and restricted areas.

■ Unlicensed Vehicle Detection



■ Allowlist/Blocklist Vehicle Detection



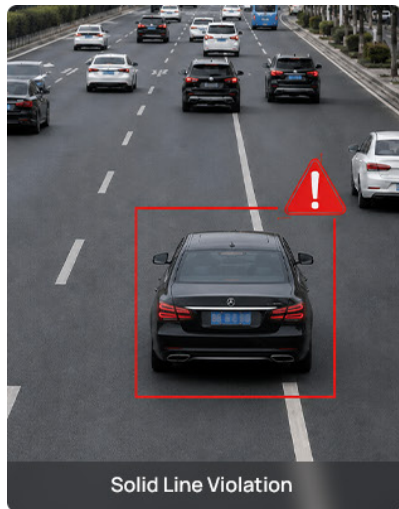
More Features Are on the Way

VioGuard will continue to expand its intelligent detection capabilities, [covering both violation and incident event detection](#),

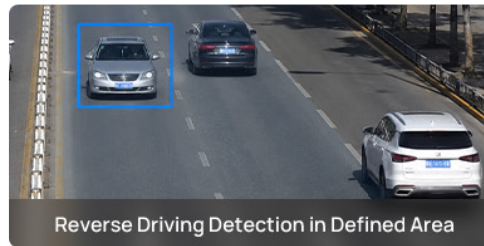
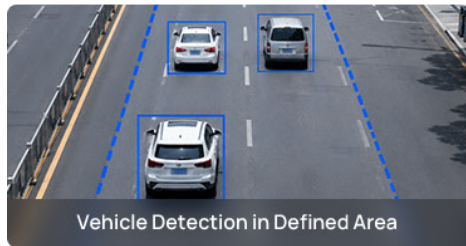
empowering traffic enforcement and traffic management with greater efficiency, accuracy, and operational value.

Upcoming detection capabilities include:


Violation Events Detection




Incident Events Detection




Why VioGuard?




Enforcement-Grade
Evidence Support




Smarter Traffic
Intelligence & Accuracy
in Real-World Condition




Faster Response,
Safer Roads



Comprehensive
Detection Coverage



Operational Efficiency
for Authorities



Future-Ready
Intelligence Layer

Related Products

TrafficX Series



DualVision TrafficX
Radar Camera



DualVision TrafficX
Enforcement Camera



DualVision TrafficX
Camera



SingleVision TrafficX
Camera

Make Sensing Matter

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