

About Flock Safety ALPR

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What is ALPR?

Automatic License Plate Readers (ALPR) have long helped law enforcement in solving crimes and recovering stolen vehicles. ALPRs capture computer-readable images of license plates, allowing officers to compare plate numbers against those of stolen cars or wanted individuals on a database like the NCIC.

ALPR cameras can be installed on vehicles ("mobile ALPR") or attached to fixed objects like traffic lights ("fixed ALPR").

The information by ALPR cameras can help determine whether a vehicle was at the scene of a crime and to discover vehicles that may be associated with each other. Law enforcement agencies can choose to share their information with other agencies. The cameras can also integrate information from national or state crime databases to provide real-time alerts when a vehicle associated with a known suspect or a stolen vehicle passes the camera.

Is ALPR effective ?

According to the National Conference of State Legislatures, when employed ethically and objectively, ALPRs are an effective tool for law enforcement, cutting down on the time required for investigations and acting as a force multiplier. In 2011, a study by the Police Executive Research Forum concluded that ALPRs used by the Mesa, Ariz., Police Department resulted in "nearly 3 times as many 'hits' for stolen vehicles, and twice as many vehicle recoveries."

Flock Safety communities have reported overall crime reductions of over 70 percent after a period of time utilizing the ALPR system . In some areas, that included an over 60 percent reduction in non-residential burglaries, 80 percent reduction in residential burglary, and an over 40 percent reduction in robberies.

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What is Flock Safety?

Flock Safety is a public safety operating system that helps communities and law enforcement in over 1,500 cities work together to eliminate crime, protect privacy, and mitigate bias. We build devices that capture objective evidence and use machine learning to detect and deliver unbiased investigative leads to law enforcement. Flock Safety communities have reported crime reductions of up to 70 percent.

Flock Safety serves HOAs, neighborhoods, businesses, law enforcement agencies, towns, and cities.

Today, there are over 1,500 Flock Safety communities; we partner with 1000+ law enforcement agencies.

Does Flock Safety help reduce crime?

Law enforcement agencies have reported that utilizing Flock Safety devices has helped reduce crime by over 70 percent. In some areas, that included an over 80 percent reduction in residential burglaries, over 40 percent reduction in robberies, and an over 30 percent reduction in violent crime.

What is the Flock Safety Falcon™ camera?

The Flock Safety Falcon is a solar-powered, motion-activated and infrastructure-free camera that leverages our proprietary Vehicle Fingerprint technology to identify and categorize the details of vehicle that pass by it. The Falcon captures the make, vehicle type, color, license plate (full, partial, or missing), state of the plate, and unique features, including damage and after-market alterations. They are connected to the cloud through LTE, like a mobile phone, and perform 24/7 in any weather.

Flock Safety cameras leverage the FBI's NCIC hotlist to send real-time alerts to law enforcement when a wanted or stolen vehicle is detected. Officers verify that information with their dispatch to safely make arrests and recover stolen property. They can also be used in the event of an Amber or Silver Alert in the same capacity.

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What makes the Falcon ALPR camera better than its competitors?

Flock Safety cameras employ best-in-class LPR and machine learning technology. The Falcon can capture multiple frames of a car traveling up to 75 MPH from up to 100 feet away. In side-by-side tests, Flock Safety's ALPR technology consistently performs above legacy competitors. In a study conducted by the Los Angeles Sheriff's Office, Flock Safety produced 30 percent more accurate reads than the competition.

The Falcon's infrared captures highly-accurate, clear images day or night. Vehicle Fingerprint technology provides information far beyond the license plate, like vehicle make, type, color, and unusual characteristics that help law enforcement officers quickly identify leads.

Traditionally, LPR cameras are typically extremely expensive, costing anywhere from \$10,000-\$40,000. The Falcon's affordable subscription fee of \$2,500 per camera per year includes installation, maintenance, software updates, and data storage and security. Flock Safety cameras are infrastructure-free, powered by solar, connected to the cloud through LTE, and easily movable.

Lastly, Flock Safety is in the top echelon of the industry for our strict protocols on privacy, transparency, and security. Our data will never be shared without permission, sold to third parties, or used for unpaid fines, unauthorized viewing outside of a legitimate crime event, or stored without consent. The footage is fully encrypted from device to cloud, and deleted after 30 days on a rolling basis unless a democratically-elected governing body or official legislates a different retention period.