

LPR Training



Words of the day

- ***“NOT
PROBABLE
CAUSE”***

EGLD LPR Policy

Policy

462

Elk Grove Police Department

Policy Manual

Automated License Plate Readers (ALPRs)

462.1 PURPOSE AND SCOPE

Automated License Plate Reader (ALPR) technology, also known as License Plate Recognition, provides automated detection of license plates. ALPRs are used by the Elk Grove Police Department to convert data associated with vehicle license plates for official law enforcement purposes, including identifying stolen or wanted vehicles, stolen license plates and missing persons. ALPRs may also be used to gather information related to active warrants, homeland security, electronic surveillance, suspect interdiction and stolen property recovery.

462.2 ADMINISTRATION OF ALPR DATA

All installation and maintenance of ALPR equipment, as well as ALPR data retention and access shall be managed by the Administration Division Commander. The Administration Division Commander will assign personnel under his/her command to administer the day-to-day operation of the ALPR equipment and data.

462.3 ALPR OPERATION

Use of an ALPR is restricted to the purposes outlined below. Department personnel shall not use, or allow others to use the equipment or database records for any unauthorized purpose.

Care of equipment

- Carwash
- Cameras
- Camera Lens

Use of LPR System

- CPU in rear area of vehicle
- All green lights with blue power light

Reporting problems

- Write vehicle up
- Send me email

TYPES OF CAMERAS

MISSION BASED OPTIONS

- **Different Focal Lengths**
 - 16mm
 - 25mm
 - 35mm
 - 50mm
 - 75mm
- **Infrared/Color**

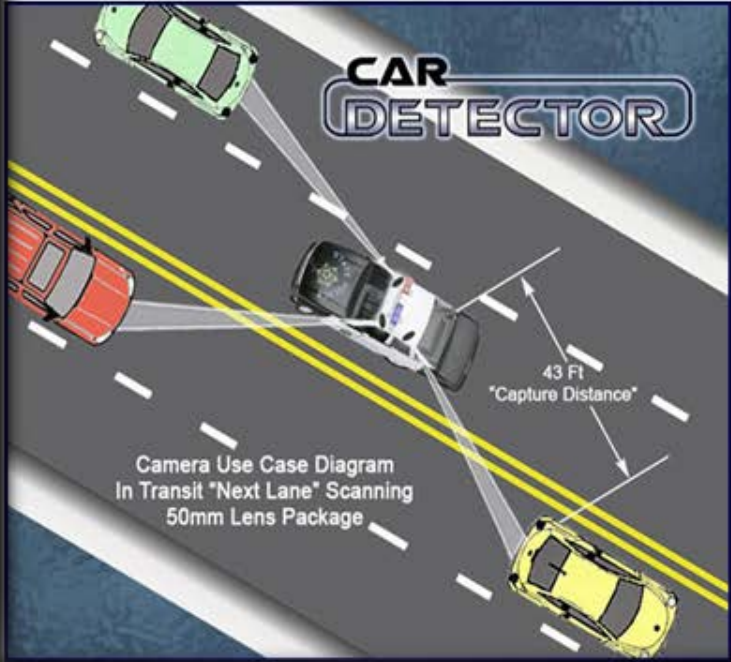


TYPES OF CAMERAS

MISSION BASED OPTIONS

- Different Focal Lengths
 - 16mm
 - 25mm
 - 35mm
 - 50mm

50-mm Camera



CAR DETECTOR

43 Ft
"Capture Distance"

Camera Use Case Diagram
In Transit "Next Lane" Scanning
50mm Lens Package

"Monitoring Undivided Highways"
50-mm Camera
Camera Model # VVC-01-850-XE

- Used for Monitoring high-capacity boulevards and rural highways
 - No median
 - Next lane over
- "Sweet Spot" capture distance = 43'

ACLU REPORT

What the report highlights.....

RETENTION POLICIES: ALL OVER THE MAP



Elk Grove – 2 years

LPR DATA RETENTION

DATA RETENTION LAWS

- **No Set time California or Fed**
 - **Except CHP**
- **States with retention periods**
 - **New Jersey – 5 Years**
 - **Utah- 9 Months**
 - **Minnesota- 48 Hours**
 - **Vermont- 18 Months**
 - **Arkansas- 150 Days**
 - **New Hampshire- Not Allowed**

Automatic license plate reader retention periods around the country

JURISDICTION	PLATE DATA RETENTION PERIOD			
	1 to 30 days	31 days to 1 yr	1 to 5 years	Indefinite
Minnesota State Patrol	48 hours ¹			
Burbank, IL	21 days ¹			
Deerpark, NY	30 days ¹			
Jacksonville, NC	30 days ¹			
Schenectady, NY		30 days ¹		
New Paltz, NY		50 days ¹		
Boston, MA		90 days ¹		
Fishkill, NY		90 days ¹		
Franklin County, OH		90 days ¹		
Sugar Land, TX		90 days ¹		
Raleigh, NC		4 months ¹		
New Castle County, DE		360 days ¹		
Dutchess County, NY		1 year ¹		
High Point, NC		1 year ¹		
Highland Village, TX		1 year ¹		
Charlotte-Mecklenburg, NC			18 months ¹	
Aurora, CO			2 years ¹	
Commerce City, CO			2 years ¹	
Los Angeles County, CA			2 years ¹	
Piano County, TX			2 years ¹	
Delaware Dept of Homeland Security			5 years ¹	
New Jersey			5 years ¹	
Grapevine, TX				Presumed indefinite ¹
Mesquite, TX				Indefinite retention ¹
Yonkers, NY				Indefinite retention ¹

NOTE: Retention periods generally refer to non-hit data that has not been flagged as part of an investigation or incident. Exact policies vary but usually cover the vast majority of automatic license plate reader reads.



Hotlists

PREMIER HOTLISTS

CALIFORNIA DEPARTMENT OF JUSTICE

➤ LISTS

- CA-DOJ SVS (STOLEN VEHICLE SYSTEM)
- CA-DOJ SFR (STOLEN FELONY REPORT)
- CA-DOJ SLS (STOLEN LICENSE SYSTEM)
- BLUE/SILVER/AMBER ALERTS

➤ UPDATED

- List updated every 12 hours (0100/1315)
- Transmitted to agency.....

➤ WHERE DO YOU GET IT FROM???



HOTLIST SOURCES

Custom Hotlists

- **Records Systems**
- **LEADS - Law Enforcement Automated Data System**
- **Offender Watch**
- **IPARQ**
- **Any database that contains a license plate**



ACTIVE HIT PROTOCOL

- What do you do when you get a hit..
- Compare detection to translation
 - Confirm the digits
 - Confirm the State
- Conduct Records check on Plate
 - Still in System??
- Clues something is wrong..
 - Stolen from out of area
 - Stolen from a long time ago
 - SVS but no NCIC or vice versa
 - NCIC Description not same as hit

CAN NOT PULL OVER CAR BASED SOLELY ON LPR HIT!!!!

ACTIVE HIT PROTOCOL

- **What do you do when you get a hit..**
- **Compare detection to translation**
 - **Confirm the digits**
 - **Confirm the State**
- **Conduct Records check on Plate**
 - **Still in System??**

- **Clues something is wrong..**
 - **Stolen from out of area**
 - **Stolen from a long time ago**
 - **SVS but no NCIC or vice versa**
 - **NCIC Description not same as hit**

CAN NOT PULL OVER CAR BASED SOLELY ON LPR HIT!!!!

NOT

PROBABLE

CAUSE

Stolen vehicles

Stolen License Plates

Wanted Vehicles

Parolee

Parolee At Large

Searchable Probation

Warrant – 25k plus

290 Registrants with

Probation/Parole restrictions

PRIVATE LPR DATA

- **DRN-Digital Recognition Network**
- **Partner company of Vigilant Solutions**
- **Over 50 million captures a month**
- **Shared with Vigilant's NVLS (LEARN)**
- **No reciprocal sharing of LE data back to DRN**
- **Primarily repo trucks and bank asset scouts**



PRIVATE LPR DATA



DRN | Digital
Recognition
Network

DATA THAT PUTS YOUR COMPANY IN THE DRIVER'S SEAT



Mobile Hit Hunter

Unique Features include the [Mobile Hit Hunter](#), an industry-exclusive that compares data collected in the commercial sector against agency hotlists to send alerts to officers in the field within a 3-mile radius of the vehicle of interest. Designed with input from our customers, other features include a night mode, minimize button, and easy-to-access on-screen keyboard.



Temporary addition of plate - 12 hours

Near misses/ miss reads - don't be that person

Verify vehicle still 10851 - 8 to 12 hour delay

Where to hunt

Dude, where's my car?

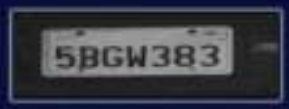
Apartment complexes, shopping centers,
theaters, schools

Time of year, weather, school's in or out?



Cam-1 LEARN GPS System

- Setup
- Import Hit List
- Start Shift
- Add Plate
- Search
- Day/Night
- Minimize
- Exit



5BGW383
Driver Side



Hits	Plate	Plate Number	Camera
		5BGW383	Driver Side
		4VKD849	Driver Side
		6CLY748	Driver Side
		5ZAJ872	Driver Side
		6DOL530	Driver Side
		5HKJ164	Driver Side

View Hit Detail

Clear Hit Clear List

DATA SHARED WITH

- Citrus Heights Police Department
- Contra Costa County Sheriff's Department
- Galt Police Department
- Pittsburg Police Department
- Reno Police Department
- Rocklin Police Department
- Sacramento County Probation Department
- Sacramento County Sheriff's Department
- Sacramento Police Department
- Woodland Police Department
- Many more

<http://learn-nvls.com>



Agency Manager



System User

SYSTEM USER



INVESTIGATIVE USES

- **Historical uses**
 - Both suspect and victims
- **Crime series**
 - Common Plate Analysis
- **Bolo's**
 - Photo of actual vehicle
- **Confirm or disprove statements**
- **Suspect ID**
 - With plate (partial or full)
 - Geographical search with description





My Profile



License Plate Query



Hot-List Management



Mapping Tools



Stakeout



Locate Analysis



Dashboard



Other Functions

Give Us Your Feedback!

LICENSE PLATE QUERY



GEOGRAPHICAL SEARCH



LEARN

Law Enforcement Archival & Reporting Network

[Back](#) [Home](#) [Log Out](#)

Search Plate

Plate Number

All Available Detections

Date Range

From:

To:

Mapping

Use Map Profile:

Tutorial Guide:

 4UV0Y00 07-04-13 1:14:57 PM	 PUP495 07-04-13 1:14:53 PM	 MTNTMAY 07-04-13 1:14:52 PM	 3XRD20Z 07-04-13 1:14:32 PM	 XF967 07-04-13 1:14:29 PM	 5KPE05 07-04-13 1:14:26 PM
---------------------------------------	--------------------------------------	---------------------------------------	---------------------------------------	-------------------------------------	--------------------------------------

Results - 372 Records

Page 1 of 8 Records Per Page:

<input type="checkbox"/>	Color Overview	Plate Image	Plate	Date	Time	Scanned By	
<input type="checkbox"/>			4UV0Y00	07-04-13	1:14:57 PM PST	SSD Parking Car 1	Sacram
<input type="checkbox"/>			PUP495	07-04-13	1:14:53 PM PST	SSD Parking Car 1	Sacram
<input type="checkbox"/>			MTNTMAY	07-04-13	1:14:52 PM PST	SSD Parking Car 1	Sacram
<input type="checkbox"/>			3XRD20Z	07-04-13	1:14:32 PM PST	SSD Parking Car 1	Sacram
<input type="checkbox"/>			XF967	07-04-13	1:14:29 PM PST	SSD Parking Car 1	Sacram

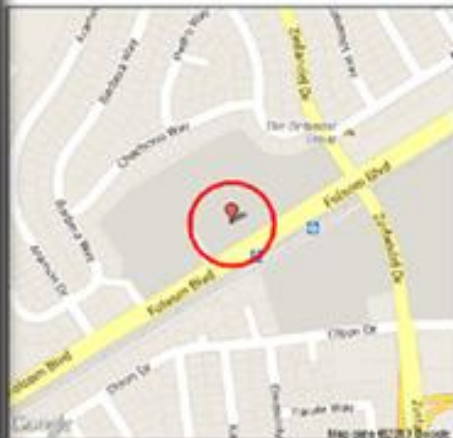
Select All Detections



ROBBERY VEHICLE

Vehicle Hit Report

License Plate Number 6N2B293



Powered By



Vehicle Images



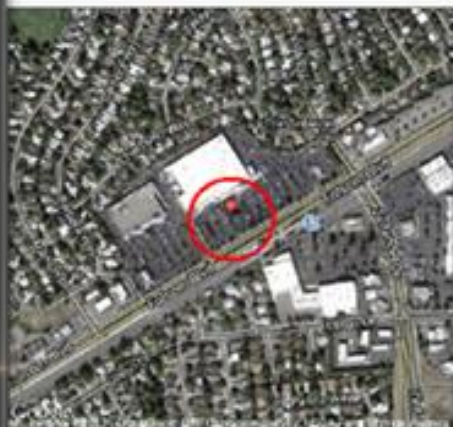
Vehicle Spotted:

04-18-13 at 4:43:16 PM PST

Nearest Address: Village Lane
Rancho Cordova, CA 95670

Nearest Intersection:

Disclaimer: The address listed above is ONLY an estimate.



Detection Data

Vehicle Info:

Plate # 1 6N2B293
Plate # 2 6N2B291
Date 04-18-13
Time 4:43:16 PM
Longitude -121.291413
Latitude 38.595361

Camera Info:

Agency Sacramento County Sheriff's
Office
Officer Anderson Scott (91E)
952-6907
System Unit 129
Camera Passenger
Type COMS Mobile Camera

Not-List Data

Alarm:

Hot Plate 6N2B293
Alert Felony Theft
State CA
Type Exact Match

Record Detail:

Record ID 6N2B293CA
Date 04-17-13
VIN N/A
Owner N/A
Make/Model N/A



Date Of Report
07-24-13

LEARN



GEOGRAPHICAL SEARCH



You are on camera...

Hot List Alert

A 'Hot-Listed' vehicle has been detected by your LEARN database
This information was acquired by Vigilant Video's CarDetector LPR system

Stolen Vehicle - LP # 4TTZ510 / CA



Nearest Address: 2429 East Ball Road
Anaheim, CA 92806

Nearest Intersection: E Ball Rd
S Sunkist St

Disclaimer: The address listed above is ONLY an estimate.

[Map the Vehicle Location - Click Here](#)



You are on camera...



OPERATION "TRICK OR TREAT"

- **2 Operations ran at once**
 - **Stolen Vehicle recoveries-private data**
 - **DUI Warrant service-private data**
- **October 30th, 2013**
- **Participants**
 - **5 Law Enforcement**
 - **1 Private**
- **30 LPR units**
 - **27 Law Enforcement**
 - **2 Private**
- **50 Officers**
- **2 Tactical Dispatchers**



OPERATION "TRICK OR TREAT"

- **6 hour Operation**
- **70,000 Detections**
- **444 Hits**
- **30 Cars recovered**
 - **6 Occupied**
- **10 DUI Warrant Arrests**
- **8 Warrant Arrests**

- **FREE PIZZA LUNCH!**



AUDITS

NOT PROBABLE CAUSE

QUESTIONS