- 17104 -

Jersey City Police Department
Office of the Chief

Date: **September 14, 2012**

Subject: **OPRA Request File #OP2012-468**

From: **Chief Thomas Comey, Chief of Police**

To: **Robert Byrne, City Clerk** Via: _____

(X) For Your Information (X) For Your Action

( ) Distribute to Members of Your Command

Comments: _____

Date: _____

Subject: _____

From: _____

To: _____ Via: _____

( ) For Your Information ( ) For Your Action

( ) Distribute to Members of Your Command

Comments: _____

Date: _____

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To: _____ Via: _____

( ) For Your Information ( ) For Your Action

( ) Distribute to Members of Your Command

Comments: _____

AJB/FORMBSCO

- 17105 -

JERSEY CITY POLICE DEPARTMENT

Police Information Technology Services Unit
73-85 Bishop Street, Jersey City, NJ 07304
201-547-5226

TO: Thomas Comey, Chief of Police

FROM: P.O. John E. Tkaczyk #271

DATE: September 7th, 2012

SUBJECT: OP2012-468

Sir;

Please find attached for your review and approval prior to release the requested records pertaining to OP2012-468 (ALPR OPRA request). There is a large amount of data and information involved and much of it has been generally held as confidential. They have also requested the purchasing records with regard to our ALPR systems. Since these have been grant funded, it is my understanding that Elyse Gibbs has been working with Robert Baker to collect and provide these records. Please see below for specific questions and answers.

1.All policies, procedures, and other general guidelines for procuring and using ALPR technology, and for storing, accessing and sharing data scanned with ALPR technology:

Answer: See General Orders, AG Guidelines attached.

2.Records detailing the source of funds that have been or will be expended for this purpose, including but not limited to grant award letters and budget documents:

Answer: As provided by Grants/Police Fiscal

3a. Data fields captured and stored in Microsoft SQL Server as listed below:

Answer: Device, Site, Misread, Hit, Manual, Login, Location/Unit, Latitude, Longitude, Hotlist, State, Year, Make, Color, LPN, Timestamp, Patch (JPEG), Overview (JPEG), Field5?, PNCID, Information, Annotation

3b. The number of license plates scanned per day, week, month, and year and the average numbers for each period:

Answer: See attached reports

3c.The number of units or systems required:

Answer: 3c. 16 units total: 15 Federal Signal (PIPS) units, 1 ELSAG unit

3d. The number of vehicles equipped with such units or systems:

Answer: 14 Vehicles, two portable units

3e. The number and physical locations of stationary units or systems:

Answer: No stationary systems

3f. All technical capabilities and specifications of each type of unit or system used:

Answer: See attached product cut sheets from vendors

4a. All types of data stored for any period longer than one hour

Answer: Device, Site, Misread, Hit, Manual, Login, Location/Unit, Latitude, Longitude, Hotlist, State, Year, Make, Color, LPN, Timestamp, Patch (JPEG), Overview (JPEG), Field5?, PNCID, Information, Annotation

4b. The length of time that each type of data is stored:

Answer: 5 years (See General Orders, AG Guidelines attached)

4c. The number of individual license plates scans currently stored:

Answer: 2962951 (9/6/2012)

4d. The length of time after which data may be discarded:

Answer: 5 years (See General Orders, AG Guidelines attached)

4e. The length of time after which data must be discarded:

Answer: 5 years (See General Orders, AG Guidelines attached)

5a. All purpose for which the data may be accessed:

Answer: See General Orders, AG Guidelines attached

5b. All purpose for which the data cannot be accessed:

Answer: See General Orders, AG Guidelines attached

5c. Who may access the data, what legal justification is required to obtain access, what procedures must be followed, and who must authorize access:

Answer: Sworn law enforcement officer or agency only in the course of an active criminal investigation. All searches must be logged and logs maintained for audit. Access authorized as per Department general order. All users must have completed CJIS security awareness training and CJIS security policy. (See General Orders, AG Guidelines attached)

5d. All systems or methods used to record who accesses data, and under what circumstances:

Answer: All searches must be logged in a hard copy log book maintained at each station with access. Operator, requesting officer/agency, time, date, purpose of search must be logged. The system requires a unique user login and all searches logged in the system by user. (See General Orders, AG Guidelines attached)

6a. All types of data shared by and with your agency:

Answer: Read data stored in system as outlined above as requested by outside law enforcement agency. (See General Orders, AG Guidelines attached)

6b. All public or private individuals or entities that have access to your agency's ALPR data, the procedures they must follow to gain such access, and the restrictions placed on them with respect to further sharing of data, including but not limited to sharing agreements and other documents identifying the databases to which your agency supplies data:

Answer: New Jersey State Police, Hudson County Prosecutor's Office (See General Orders, AG Guidelines attached)

6c. All public or private individuals or entities that provide your agency with access to ALPR data, the procedures your agency must follow to gain such access, and the restrictions placed on your agency with respect to further sharing of data, including but not limited to sharing agreements and other documents identifying the databases from which your agency receives data:

Answer: None.

7. All training materials used to instruct members of your agency in ALPR technology use, data management, or operation of automated records systems containing ALPR data to which any member of your agency has access, including regional or shared databases

Answer: See General Orders, AG Guidelines attached. Training on the physical device is conducted individually with the operator

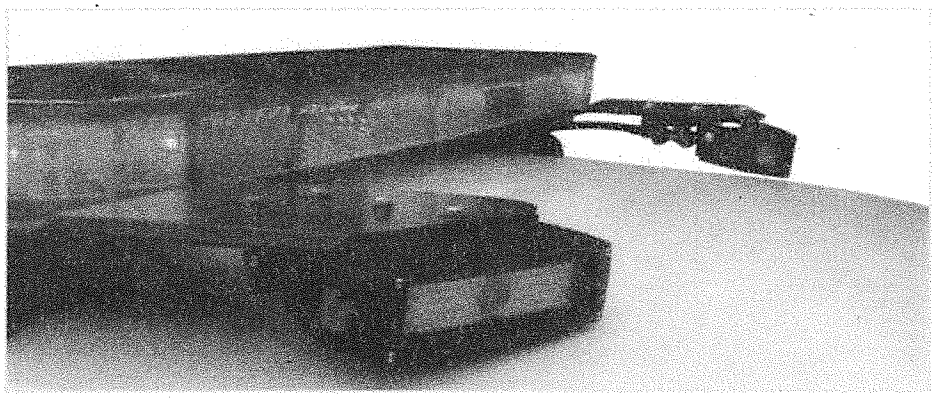
Respectfully,

#271

P.O. JOHN E. TKACZYK #271
Police Information Technology Services Unit
Senior Systems Administrator

FEDERAL SIGNAL

SLATE™ ALPR CAMERA

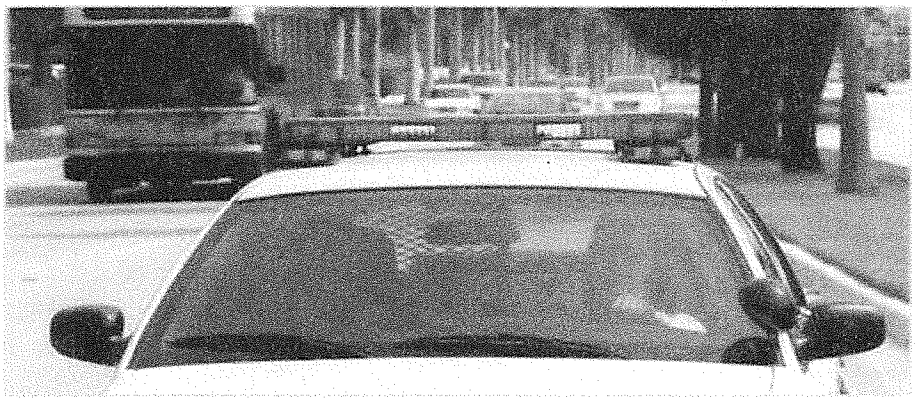


The Federal Signal ALPR Slate camera.

The Federal Signal automated license plate recognition (ALPR) Slate™ camera delivers high performance in a compact, low-profile design that does not hinder lightbar visibility.

The Slate camera incorporates patented infrared illumination in an infrared camera for effective license plate imaging and a color camera for a vehicle overview image. Patented filter and flash techniques provide excellent suppression of headlights and bright sunlight, while field-by-field control of camera parameters enables the use of patented TripleFlash™ technology to reduce plate-to-plate variation issues. The Slate camera reduces the ALPR processor burden by pushing analytics to the network edge.

Federal Signal Slate cameras can achieve the highest performance plate capture and plate read rates available in the industry.



Features

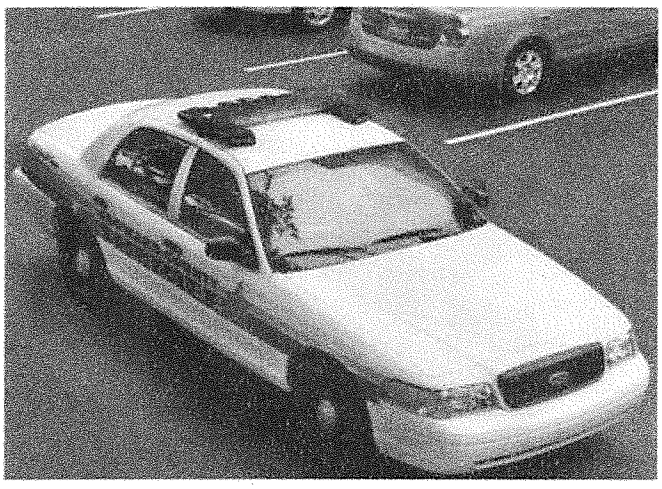
- Dual-lens camera for infrared license plate image and color vehicle overview
- Patented Platefinder® and TripleFlash® technologies
- Small, compact, low-profile, weatherproof design with no moving components
- Robust optical character recognition (OCR) engine

Benefits

- Compensates for headlights, sun glare, variances in ambient light and license plate conditions for superior image quality and more accurate performance
- Provides durability and longevity in extreme operating environments
- Maintain lightbar visibility
- Relatively covert

> Specifications

Specifications-Slate	
Model	Slate™
Dimensions	182mm (7.16 inches) width, 90mm (3.54 inches) depth and 42mm (1.65 inches) height
Weight	<1.5 kg (3.31 pounds) with the Zero-Clearance Bracket attached: the Slate Camera, alone, weighs 2.1 lbs.
Mechanics	Extruded metal casting with piston sealed lens
Illumination	High-power IR pulsed illuminator. TripleFlash illumination (patented) The illuminator flash table runs locally and autonomously on power-up and can be set via the interactive PIPS P6 Utility interactive PC graphical utility or via a simple command-line text interface
Monochrome	IR Camera, High Sensitivity, 752 x 480 pixels with 1/3" format
Color Camera	752 x 480 pixels, 60 Frames per Second with 1/3" format
Video Output	Video signal is dual serialized LVDS digital video for both the infrared (IR) and Color Video
Communications	RS-232 levels upon proprietary commands
Cable	Shielded CAT6 with a standard length of 15-ft
Connectors	Metal IP67-sealed connectors
Mounting	Three-axis finger mounting bracket designed to attached to the emergency lightbar's mounting plate



The Federal Signal ALPR Slate camera delivers high performance.

PIPS TECHNOLOGY
A Federal Signal Company
Headquarters - Americas: 804 Innovation Drive, Knoxville, TN 37932-2562 USA
Headquarters – Europe, Africa, Asia and Australia: York House School Lane, Chandlers Ford, Eastleigh, Hampshire SO53 4DG
800.548.7229 • pipstechnology.com
For more public safety information, visit federalsignal.com/publicsafety

FEDERAL SIGNAL

SPIKE+ MODEL P372

- **Compact, rugged dual-lens camera with integrated ALPR processor**
- **Versatile, easy to use, cost effective installation and deployment**
- **Ideally suited for fixed site applications**

Seamless operation with PIPS software applications provides functionality for access control, travel time measurement, violation enforcement, tolling and congestion charging and covert security scenarios.

Benefits:

- Operation in total darkness, bright sunlight or adverse weather conditions
- Superior read quality and confidence rates
- Excellent plate capture rates with internal or external triggering for versatility
- Multiple connectivity options for ease of integration into other systems
- Local storage for optional buffering of data
- Protection/security of data
- Configuration and monitoring from any standard web-browser

Features

- Dual channel camera (integrated infrared and color)
- Patented TripleFlash™ technology varies infrared camera settings to obtain highest confidence plate read
- Rugged weatherproof enclosure sealed to IP67 Standards
- Patented (internal) real-time video self-triggering
- External trigger input supported
- TCP / IP Ethernet with socket and FTP protocols, relay output, RS232, true IP connectivity over GPRS / GSM
- Standard software JPEG compression
- Ability to send SMS text messages on database hits or events
- Optional hardware JPEG compression capabilities
- Optional compact flash storage of up to 6GB
- Low power operation (12-18VDC)
- Battery power capability for covert temporary deployments
- Fully web-enabled, IP-addressable device
- Optional 128-bit hardware data encryption

> Specifications

Specifications	
Model	P372
Dimensions	13.2" (336 mm) long, 4.85" (123 mm) diameter, including hood
Weight	<5.5 lbs. (2.5 kg.) including hood
Power	Typically less than 20W, 12-18V DC
Mechanics	Rugged alloy housing, metal sun hood Sealed end caps provide totally sealed enclosure Casing is nitrogen purged and waterproof to IP67 standard
Optics	Clear IR-transmissive window 35, 25, 12, 8, and 6 mm lenses available to meet variety of focal length requirements
Illumination	High-power IR pulsed LED illuminator with triple-flash (patented) technology Illuminator flash table runs locally and autonomously on power up and can be set via web interface Effective range – up to 50 feet (15m) Class 1M Eye Safety per BS EN 60825-1:1994 (including Amendments to 2:2001)
Standard Configuration	PIPS Cardet™ OCR generating time-stamped VRN ASCII string output Local 8 MB flash local memory for program storage Patented real-time video platefinder (internal trigger) Software JPEG compression
Options	
	Compact flash storage capability up to 6 GB External triggering Wireless LAN connectivity Video over IP Integral GSM / GPRS modem with antenna Hardware JPEG compression Hardware data encryption
Applications	
	Law enforcement, parking and access control, tolling, travel time, violation enforcement systems and congestion charging

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