

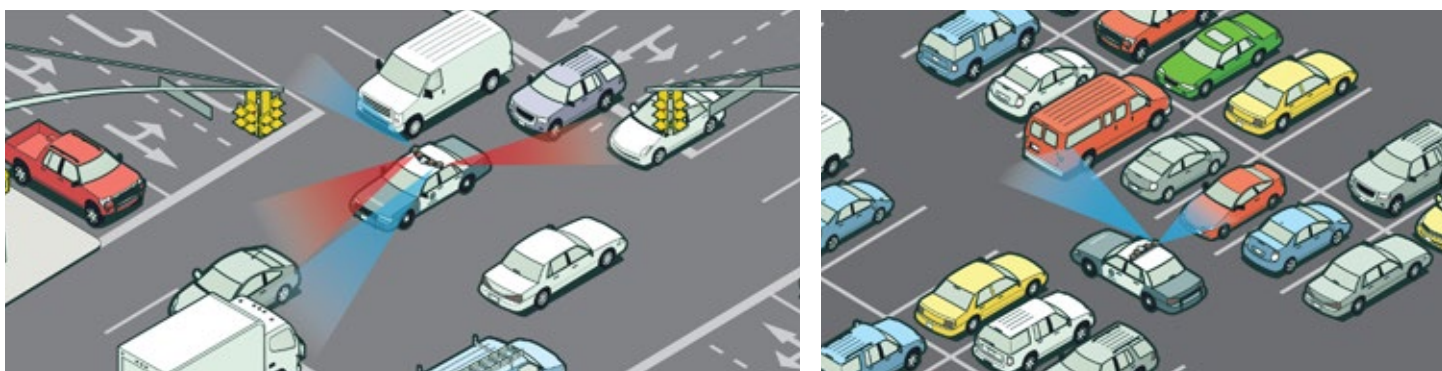


# Mobile ALPR Camera (P634) Formerly known as *SLATE*

**Superior plate capture performance  
bundled in a compact, low profile design**

## OVERVIEW :

The PIPS Technology™ Mobile ALPR Camera is a dual camera that incorporates infrared illumination for effective license plate imaging and a color camera to provide a vehicle overview image. Using a proprietary technique, known internally as “Triple-flash” technology, this covert camera can effectively suppress ambient light such as headlights and bright sunlight. This helps to reduce the image quality differences caused by plate-to-plate quality variations.



The PIPS Technology™ Mobile ALPR Cameras are available in multiple calibrations. In conjunction with the placement on the vehicle, these cameras are designed to meet the specific needs of almost any agency.

**Traffic Camera** - Primarily suited for adjacent lane traffic application. It is designed for longer-range traffic applications such as interstate and highway patrol. This camera is most often mounted on the patrol vehicle looking forward into each adjacent lane.

**Short Traffic Camera** - Suited for urban deployments with slower moving city traffic and streets lined with parked vehicles. Also capable of reading across two lanes of traffic.

**Parking Camera** - Serves a very unique application for dedicated parking patrols. This camera is most commonly mounted on the passenger side looking out 90 degrees from the patrol vehicle.

**Long Parking Camera** - This camera is typically mounted on the driver side looking out 45 degrees from the patrol vehicle.

## BENEFITS :

- Superior image quality and accurate performance
- Provides durability and longevity in on-street operating environments
- Sleek design helps to maintain light bar visibility
- Capable of capturing 60 fps
- IP67 compliant
- Use varying flash, shutter and gain settings to ensure a high quality image in a variety of weather or lighting conditions

## FEATURES :

- Dual camera sensors provide infrared license plate images and color vehicle overview images
- Proprietary “Triple-Flash” technology
- Compact, low-profile

## SPECIFICATIONS

Dimensions (LxWxH)	7 1/8" x4" x2" (18.1 x 10.2 x 5.1 cm)
Weight	2lbs. (0.9kg)
Mechanics	Extruded metal casting with piston sealed lens
Full resolution	752 x 480 pixels in both IR and color lens
Frame Rate	60 fps (at full resolution)
Optical format	1/3 inch
Video Output	Dual serialized LVDS digital video for both the infrared (IR) and color video
Communications	RS-232 levels upon proprietary commands
Operating Temperature	-20C to 60C
Illumination Wavelength	750nm, 810nm and 950 nm
Focal Distance	Optimized focal distance of 9 ft to 30ft
Enclosure	IP67
Shock resistance	Mil. Std. 810F Method 514.5C-17 (random), MIL810F Method 514.5C-18 (sine), EN60068 2-27 (shock)
Safety	CE, EN 61000-4-3 (Radiated Immunity), FCC Part 15 and EN 55022, tested and meet “eye safe” certification standards

## MOBILE ALPR SYSTEM

Mobile ALPR Camera(s)	Each system has 1 to 4 dual (IR and color) mobile cameras
Mobile ALPR Processor	Each processor simultaneously supports up to 4 mobile cameras
Brackets	A variety of camera mounting brackets for various vehicles and light-bar designs
In-car software	PAGIS software provides the graphical user interface (GUI) and in-car application. It compares ALPR images against federal, local or customized hotlists and sends alert when a match occurs

## SUPPLEMENTARY COMPONENTS

Cable	Shielded CAT6 with a standard length of 15 ft (4.6m)
Connectors	Metal IP67- sealed connectors

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