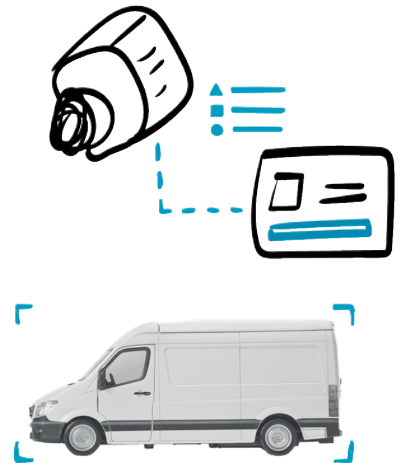
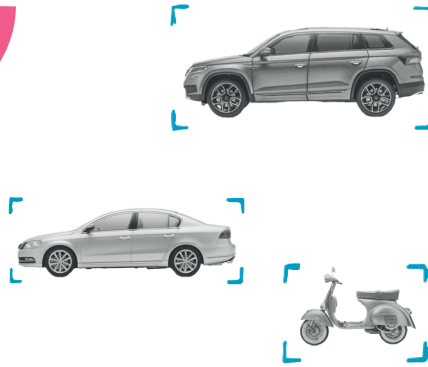
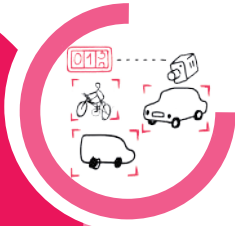


Counter Park

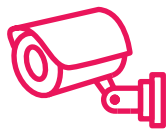
VIDEO ANALYSIS
VEHICLE COUNTING
AND GUIDANCE



SIRAM COUNTER Park is a vehicle counting software based on Video Analysis. It **identifies, classifies and tracks vehicles** using deep learning algorithms that run directly on the camera.



Deep Learning Technology



Embedded camera



Accuracy rate +99%



Full Integration



ONVIF Compatible



Direction detection

WHY CHOOSE COUNTER PARK?

- **Very high accuracy rate** - Deep Learning
- **Easy setup** - Intuitive user interface
- **Quick implementation** - Adaptability all types of lanes
- **One camera covers two lanes**
- **Lower maintenance** than other counting solutions

SMART APPLICATIONS

PARKING - Public Parking & Shopping Center

MOBILITY - Park & Ride

SECURITY - Embarked on vehicles

TRAFFIC SYSTEMS - Integration with Smart City Apps (ITS)

P PARKING

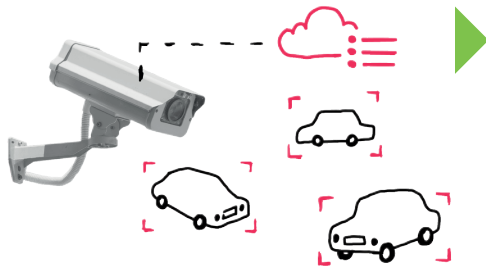
- Integrated with Guidance and PARCS systems
- Stock by floors and by areas
- Pass counter
- I/O Control (Camera or Siram Conex)
- Vehicle direction identification
- Integration with panels

MOBILITY

- Integrated with Mobility APPs and ITS systems
- Park&Ride occupancy
- Pass counter
- Number of available and occupied parking spaces
- Identification of vehicle direction
- Occupancy statistics (Siram Monitor Guidance)

FUNCTIONALITIES

**SIRAM007
COUNTER**



- Vehicle counting crossing a line
- Vehicle counting in both directions
- Cars, motorcycles, vans and trucks counting
- Bicycles and scooters counting
- I/O control (Camera or SIRAM Conex)
- Web interface and viewer control
- Maximum Speed 25 Km/h - 15 Mph



Hide CL Hide CA

Counter LINE

LINE 1

21	12	26	8	10	TO Z1	77
11	17	58	21	7	TO Z2	114

Maximum Minimum

Show Obj Show Trajectory Show Ids

Input
Counter
Mask
Summary

Vehicle Type counting

Number of entries/exits

● Direction detection



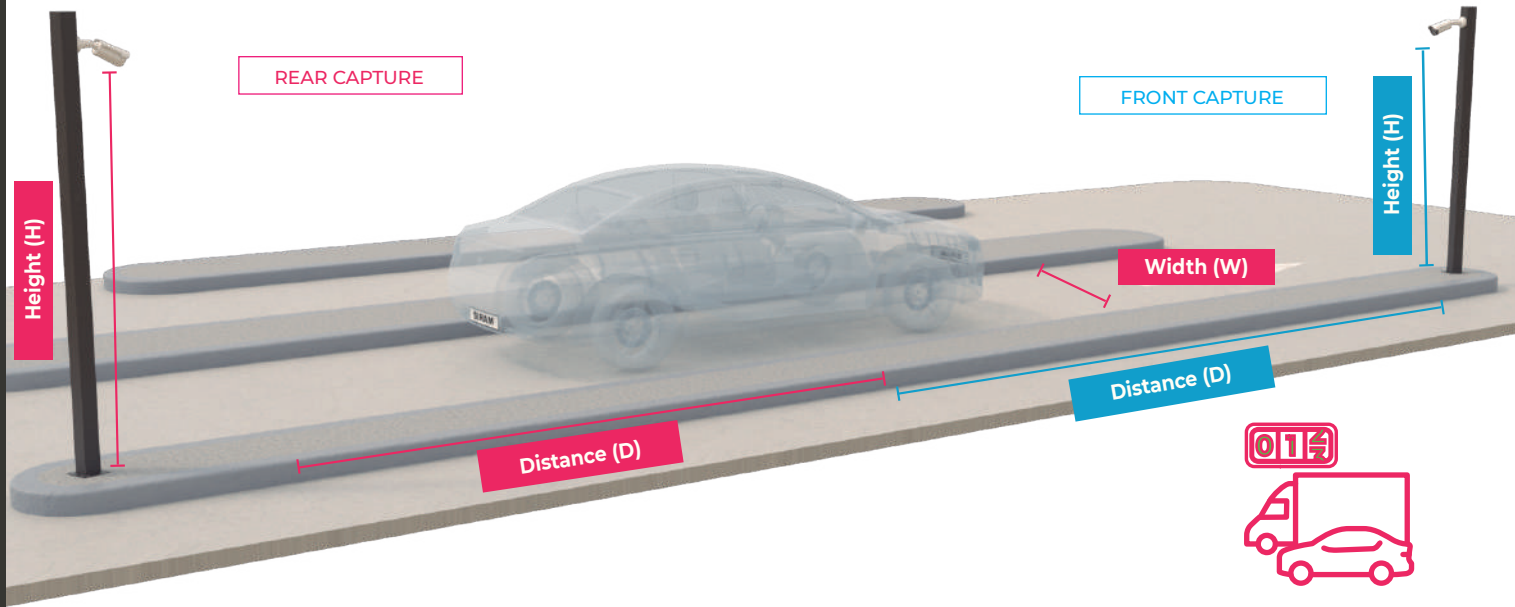
COUNTER MODEL

COUNTER MODEL	mini BULLET	BULLET	BULLET XXL
Camera model	Axis M2036LE	Axis P1465LE	Axis Q1785LE
Processor	CV25 64bits	Artpec8 64bits	Artpec6 32bits
RAM	1 GB	1 GB	1 GB
Image sensor	1/2.8" RGB CMOS	1/2.8" RGB CMOS	1/2.8" RGB CMOS
Maximum resolution	4 MP (2668 x 1512)	1080 HDTV (1920x1080)	1080 HDTV (1920x1080)
Lens	Fixed Iris 2,4 mm, F2.1	Varifocal, 3-9 mm, F1.6	Varifocal, 4.3-137 mm, F1.4
Video compression	H.264 / H.265 / MJPEG	H.264 / H.265 / MJPEG	H.264 / H.265 / MJPEG
Power supply	Power over Ethernet (PoE) 802.3af/802.3at Type1 Class3 Typical 5 W, max 12,95 W	Power over Ethernet (PoE) 802.3af/802.3at Type1 Class3 Typical 7,9 W, max 12,95 W	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type1 Class3 Typical 7,9 W, max 12,95 W
AXIS warranty	5 years	5 years	5 years

RECOMMENDED POSITIONING

The positioning of the COUNTER capture unit on the ceiling, wall, or pole must always meet the following requirements:

- The smallest possible horizontal inclination with respect to the center of the lane
- Vision focused only on the lane to be counted. Maximum of 2 adjacent lanes.
- The minimum height for the Mini Bullet of 2.5 meters and a minimum distance of 5 meters (Vision of the entire vehicle)
- The minimum height for the Bullet and the Bullet XXL is 3.5 meters and a minimum distance of 5 meters (Vision of the entire vehicle)
- It is necessary to avoid concealments caused by elements such as the barrier, signs or the parking terminal.
- The minimum required illumination is 100 lux



How to choose the best LPR camera for your project?

ACCURACY
+99%

COUNTER CAMERAS MODELS

	Location	Height	Distance (D)	Lane width (W)
Mini BULLET	Wall, Ceiling or Pole	2,5 - 3,5 m 8.2- 11.5 ft	5 - 15 m 16.4 - 50 ft	7 m / 23 ft
BULLET	Wall, Ceiling or Pole	3,5 - 5 m 11.5- 16.4 ft	5 - 20 m 16,4 - 66 ft	7 m / 23 ft
BULLET XXL	Wall, Ceiling or Pole	3,5 - 10 m 11.5- 33 ft	15 - 50 m 50 - 64 ft	10 m / 33 ft

Conect
Counter Park
to your
Parking
management
system

