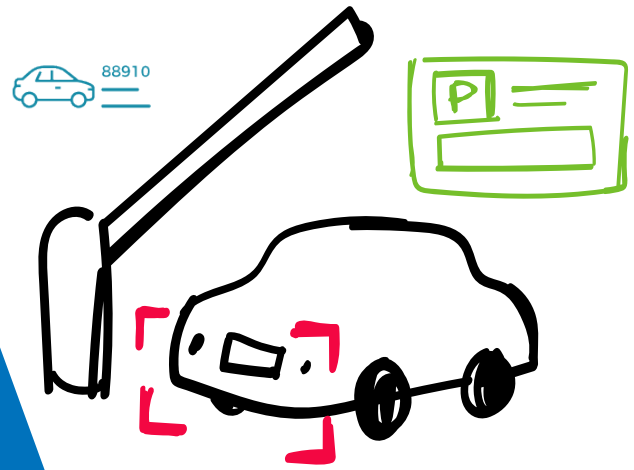




# LICENSE PLATE RECOGNITION SOFTWARE

based on 

License plate recognition using AI and Deep Learning, with high reliability for LPR Stop&Go and Free Flow environments.



## WHY CHOOSE SIRAM OCR?

- **Very high accuracy (+99%)**
- **Easy configuration**
- **Quick implementation**
- **Certification module for commissioning**
- **Multi-country optimized algorithms**

## SMART APPLICATIONS



### PARKING

Touchless, Barrierless and Ticketless



### MOBILITY

Low Emission Zones (LEZ) and Restricted Traffic Zones (RTZ)



### ENFORCEMENT

Embarked on vehicles



### SECURITY

SIRAM Access Web and access control platforms

## KEY POINTS

- **New SCAP**  
The SIRAM Camera Application Platform module simplifies OCR installation, management and updates.
- **Cybersecurity**  
Aligned with the international ISO/IEC 27001 security standard.
- **TwinPlate P2P**  
Peer-to-peer solution where all lane cameras operate as master nodes.
- **Ticketless & Barrierless**  
Access to on-street and off-street parking without tickets or physical barriers.
- **Free Flow protocols**  
New Free Flow protocols that also support trigger mode.
- **New SIRAM Alarm**  
Real-time information about LPR system performance and operational status.

## P PARKING

- ★ Integrated with parking systems (PMS / PARCS)
- ★ Over 60 integrations available
- ★ Hardware or software trigger
- ★ Stop&Go and Free Flow
- ★ Identification of vehicle direction
- ★ Additional add-ons available (Analytics)

## SECURITY

- ★ Integrated with Security Platforms
- ★ Web, Wiegand & TCP/IP integration
- ★ Online/Offline mode (internal database)
- ★ Stop&Go and Free Flow
- ★ Identification vehicle direction
- ★ SIRAM Access Web

## SIRAM OCR FEATURES

- ✓ Deep Learning Algorithms
- ✓ Trigger or Free Flow Mode
- ✓ Direction detection
- ✓ B/W & Color
- ✓ Full control from Web UI
- ✓ Accuracy over 99%



## AI FUNCTIONS

- ✓ Vehicle type detection (cars & motorcycles)
- ✓ Vehicle make detection

## SIRAM OCR APPLICATIONS

- ✓ Front and rear capture
- ✓ Motorcycle and car lanes
- ✓ Ticketless for cars and motorcycles
- ✓ Barrierless & Free Flow
- ✓ Urban traffic
- ✓ Enforcement

## COMPATIBILITY

- ✓ **AiO on Axis** [Artpec 7 or higher]
- ✓ **TwinPlate P2P** [Master/Master]

● Automatic Zoom & Focus      Stop&Go and Free Flow      ● Automatic Certification

**NEW**

**SIRAM Camera Application Platform**

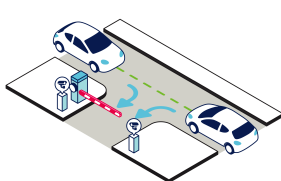
SCAP platform simplifies OCR installation, management, and updates.

● Full control from the UI

Improve the features of your camera with **TwinPlate**

### COMPLEX LANES

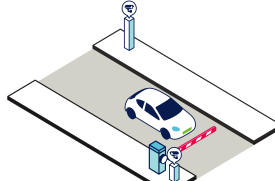
Front capture with two cameras



In situations where vehicles access into the lane from multiple directions.

### TICKETLESS CAR LANES

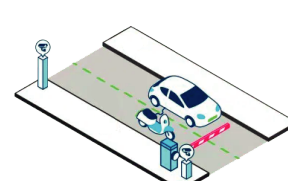
Front and rear capture cameras



In Ticketless lanes it is required to guarantee the operation of the lane 24/7.

### CAR & MOTORCYCLES LANES

Front car & rear moto capture cameras



In Ticketless lanes for cars and motorcycles, 2 LPR cameras are required