



PARKING **SCANNER**

The solution for monitoring
parking areas in smart cities

What is PARKING **SCANNER**

PARKING SCANNER allows controlling access to a parking area by simply reading the registration plate of the vehicle.



PARKING SCANNER is a software solution compatible with many registration plate reading cameras equipped with OCR, capable of reading recognized number plates and establishing, according to the criteria defined, whether or not access to parking should be allowed.

How Parking Scanner works

PARKING SCANNER manages the opening of the checkpoint directly from the central server or from the OCR cameras, using the TCP/IP protocol and camera I/O ports.

Parking Scanner allows:

- managing personal data relating to the utilities to which access is allowed by associating one or more number plates to each individual user
- centralized server management of the whitelist present on the cameras
- limitation of the maximum number of number plates present at the same time in the parking, associated with each individual user
- advanced statistical analysis related to the count of vehicles that entered and exited the parking
- calculation of the average time of presence within the parking, divided into customizable time slots
- querying of number plate database with the history of entries/exits, complete with photos of the vehicle
- the history of transits for every single registration plate
- managing blacklists to alert the security staff in case of unauthorized/reported access attempts
- management of alerts using image popups on remote client, SMS message, Android app, Telegram

▶ **By using additional modules, the customers can purchase only the features of the product they actually need.**

▶ **Should the needs change over time, the customer will benefit from the investment already made, since it will be possible to integrate new features using simple activation keys.**

Parking Scanner: module for monitoring "on-street" parking lots.

The so-called "on-street" public car parks are present in the neighboring areas and on the edge with the actual roadway, and are intended for stopping or parking vehicles typically in urban centers (the classic blue lines)

These parking areas are very difficult to monitor, as they are not enclosed in a limited and dedicated space, as happens instead in classic car parks with access control gates, but are often located along city streets for very long stretches.

Monitoring these areas using classic proximity detection sensors has until now been the only viable solution, but with prohibitive costs and requiring expensive maintenance.

With the latest video analysis technologies, an alternative to this approach has been created, which brings significant advantages in terms of costs and ease of installation.

The "on-street parking analysis" module, integrated into Parking Scanner, allows to monitor up to 100 parking lots for each connected camera, counting those occupied in real time compared to those available.



Parking Scanner, using this module, is capable of:

- manage an infinite number of cameras and parking lots
- calculate in real time the availability of free lots in each individual car park
- monitor the parking areas of every single street in the city center
- monitor the reserved lots for electric vehicle charging stations
- monitor the pitches reserved for vehicles of people with disabilities
- convey this data on one or more variable message signs and offer a dashboard for monitoring the data collected in real time
- analyze historical data to view the occupancy statistics of the various car parks or various areas of a city center

▶ **Thank's to this module, Parking Scanner becomes an even more powerful and flexible solution for monitoring parking lots in metropolitan areas.**

If you want to take a tour on our demo server:

<https://demo.parkingscanner.it>

user: **demo_EN** - password: **password**



Who is it for

- Camping Areas
- Hotels/Residences
- Residential Parking
- Centres/Public
- Administration Offices
- Shopping Centres
- Hospitals



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