LA SEMAFORICA

TECSEN

# Park Man-SMacs®

## Intelligent Parking Counting Solution

## HOW IT WORKS

Park Man-SMacs® by inductive Loops placed both in the entry and exit gate's lanes of parking lots and garages, used to count cars entering and exiting a parking facility.

These counts are captured by the field through hardware device Park Man developed by La Semaforica and sent to the network "Cloud," Platform SMacs® that allows the customers to login into the SMacs® Dashboard to see the level of "occupation" of the monitored areas (number of cars currently within a lot). These counts are also stored for long-term trend analysis, or "Lot Utilization".

## BENEFITS

- Push notifications on Space Availability to drivers via Smartphone Apps.
- Track Historic Lot Utilization trends for future planning.
- Accurate vehicle counting in parking areas.
- Increase your Permit Oversell Ratio increasing the efficiency of service.
- Parking counting Station by real time transferring data to the Cloud SMacs® Smart City Platform

## USEFUL

- No Maintenance required
- Delivered ready for installation
- Waterproof case
- Configured and interfaced to SMacs
- Includes mounting brackets
- Installation above ground

## ACCURATE

It counts vehicles with over 99% accuracy.

## REAL TIME SENDING OF EACH DETECTION

Through GPRS Modem.

## REMOTE CONTROL AND ALERTING

Through the Platform SMacs® you can manage your data and be alerted in real time to the occurrence of any critical condition

## PARKING GUIDANCE WHIT DYNAMIC MANAGEMENT OF VARIABLE MESSAGE SIGNS

Through the Platform SMacs® you can communicate dynamically with variable message signs (Tool: Macs Visual) to inform which park booths are free on all the Parking areas monitored.


In order to offer the best possible service, La Semaforica and Tecsen reserve the right to modify at any moment and without any warning the features of the products described in this document. This document has the only purpose of illustrating the products. If you need detailed technical data, please do not hesitate to contact us.

## Ready to Use

### Share Occupancy data to drive traffic to your lot

Aggregating accurate vehicle counts is only the beginning. We can be all agree that today, parkers need your counts as much as you do. When powered by Park Man-SMacs® Counts in the Cloud, you can send your counts wherever you want.

With the Macs-Parking smartphone app drivers can see which and how many park's places are available in their driving area - managing the traffic to your parking lot.

### Why Park Man?

Monitor Supply and Demand

Our system allows you to monitor your occupancy at any given moment with the help of a user-friendly, web-based dashboard. In addition, our system will supply you with the data required to adjust your parking rates according to your peak demands to maximize profits.
The device installation on the road is very quick, and once installed does not require any additional configuration, the station is already ready to use, and the related data can be found out through the web, choosing who to notify in case of need.

Is available the option to provide the station with photovoltaic panel or with battery backup for supply through public lighting.

## WEB ACCESS

Credentials to access to the web portal SMacs® with informations available for both the manager and for the ordinary citizen.

## ALERT SYSTEM

Real Time alert at specific thresholds.

## DATA STORAGE

Free access to the database to obtain the temporal trend of the monitored data for statistical purposes.

## SYSTEM WIDENING

Possibility of integration with other modules and/or sensors maintaining the same platform.

## SYSTEM CONTENTS

- Counting of vehicles or counting of free places
- Counting from -999 up to 9999
- 4 inputs with noise immunity, each function +/- reset individual adjustable
- Anticoincidence input logic
- Switch meter reading and switch hysteresis adjustable
- Output for traffic light or other changing display
- Storing of counter totals reading in case of power loss
- Compact plastic housing for direct mounting on DIN-rail
- Modem GPRS configured on SMacs® Platform

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