

PARKING DYNAMIC COUNTING & GUIDANCE LED DISPLAYS

DESCRIPTION

The graphic displays are made of a matrix of **high-bright LEDs of 768 Pixels**, to indicate to the users the **vacant spaces of each type in the parking**.

Each display is programmable and may show the **vacant spaces in each parking alley, areas, levels, a sum of levels, or the total parking**.

A scrolling arrow shows the direction to follow to reach those parkings spaces available. The arrow is always on the side of the display where the parking spaces are shown: this arrow is programmable in 8 directions (each 45°) for the best users comfort.

The displays are **placed at each "choice point" in the car park traffic flows**, so the users may instantly see and chose the best path to reach their parking space.

We offer to **study each parking project** to suggest the best optimized locations and functions for each display in the parking.



Display showing "1 car space available for disabled"

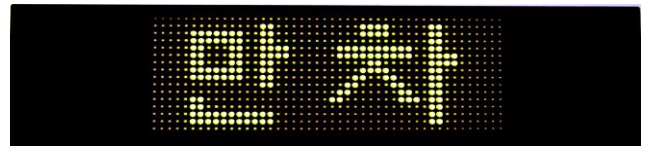
The guidance system is designed to count **different types of car spaces**: *Generic, Disabled, Family, Electric,...*

Each display may show, alternatively, **various types of vacant spaces, with their "intuitive" pictogram**. Ex: *Generic, Disabled and Family*.

This **unique function** allows indicating the "special" spaces still available when the other types of spaces are all occupied. Ex: the "Disabled" & "Electric" spaces will still be shown on the displays even is the rest of the parking is all "Full"!

The numbers are **always displayed well centered**, whatever is the quantity of digits, and **without any "front zero digits"**.

The text messages are multilingual, which is very useful for **parkings in tourist sites, international parkings, airports, train stations, shopping malls**, as well as **bilingual countries** (Belgium, Switzerland, Spain, ...)



Display showing "closed" in Korean

The **brilliance of each display is adjustable independently** to ensure an optimal visibility in each area according to the lighting.

The main PC-controller of the system is programmed to **calculate - in real time - the vacant spaces to show on each display**.



Display showing "6 Family car spaces available"

The displays are in a RS-485 communication BUS which allows an **immediate refreshing**.

The indoor displays are prepared complete with a **steel fixing support allowing an inclination adjustment** for a **perfect visibility for the users**.

A telescopic support allowing a height adjustment may be offered In option.

TOTEMS FOR DISPLAYS:

Several displays may be assembled in a **robust steel "totem"**, to show a simultaneous vision of the vacant spaces of different zones or levels, and the complete parking.

The totems are customizable: site operator name or logo, level number or color, etc..

Installation:

- Fixation on wall or on the ground,
- Mounted on a short foot inside (foot sealed in ground),
- Mounted on a 4,00m mast outside (mast sealed in ground),

Dimensions W 667mm x H 1194mm x P 202mm



INDOOR DISPLAYS:

The indoor high-visibility dynamic counting displays are mounted in a **ultra-robust and luxury steel cabinet, lacquered dark grey.**

They can be mounted under ceiling - on a short steel mount for parkings with low height - or (in option) lowered on a central prop with adjustable length for parkings with tall ceilings.



On each display, both sides of the LEDs screen are customizable zones to put the alley references, the sector color, level Nr, operator logo, pictograms, etc...

Specifications:

- Use destination: Indoor exclusively
- Matrix: 768 high-brightness SMD LEDs "amber".
- 130mm height characters & pictograms, offering an indoor comfortable legibility to more 50m.
- Pitch (inter-pixels distance): 8 mm.
- Luminous power/pixel: 450mCd (adjustable)
Luminous power/display: 345.600 mCd.
- Angle of vision: horizontal 120°
- Voltage: 36-72 V-DC via RJ45 connectors.
- Low Consumption: Maximum 6 Watt.
- Operating temperature: -10 °C to + 75 °C.
- Connection: RJ45 for power and RS-485 communication by only one UTP cable.
- Coating: anti-corrosive & lacquered dark grey.

Dimensions:

- Display screen: L 385mm x H 130mm.
- Cabinet: L 660mm x H 150mm x D 32mm.
- Weight: +/- 4,3 Kg (including inclinable mount).

INTEGRATION IN SIGNAGE:

We can offer a study to **easy integrate our dynamic counting displays inside the fix signage**, which **reduces the investment and installation costs, and improves the readability for users.**



OUTDOOR DISPLAYS:

Our **ultra-high brilliance** dynamic counting displays can also be **used for outdoor displaying.**

Their dimensions are identical and their brilliance is designed for a **perfect visibility in outdoor natural lighting conditions.**

They are mostly **integrated in sealed signage housings** or in a "flag signage" fixed on a matt.

