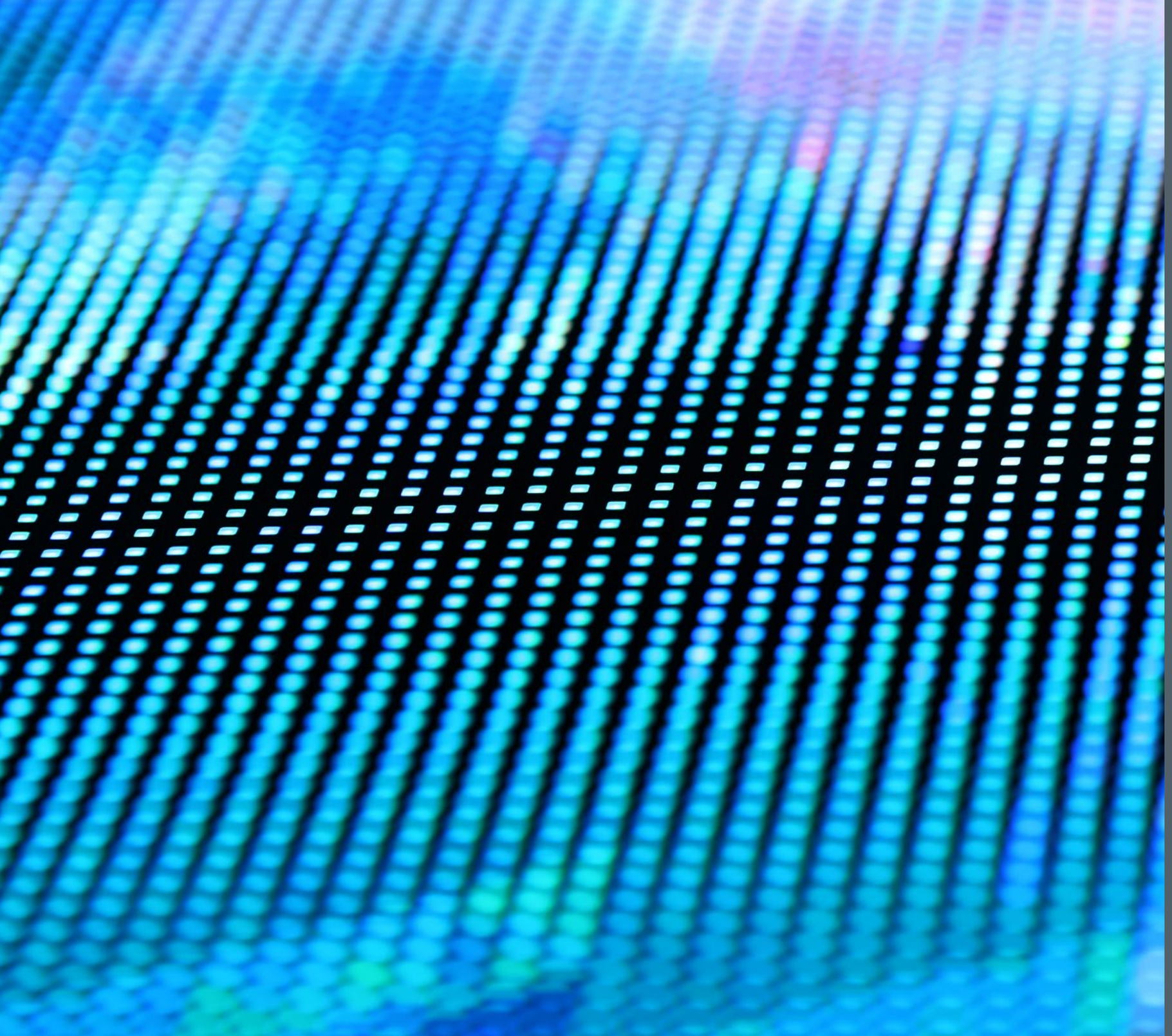


AGLA group

THE NEW PARKING EXPERIENCE

END TO END
PARKING GUIDANCE
ECOSYSTEM

PARKING | SPORT | OIL STATION | DYNAMIC INFORMATION

AGLA was founded in 1994 and, since then, immediatly became
a major player in LED Signs and Variable Message Panels design and production.

Easily recognizable for their elegance, long lasting life and innovation, AGLA devices display quality in several fields, ranging from Oil&Gas to Sports, from Industrial Plants to Parking Management.

The increasing experience built over the years, together with the care for details, design and production methodology, represent the essential elements of what we call the 'AGLA way'.

The production site located nearby Milan spans over 2500 square meters and a qualified employees organization, with a network of certified partners, allows AGLA a widespread worldwide distribution of his products and services.

AGLA is UNI EN ISO 9001 certified company, which is a quality trademark.

“Over 25 years of experience in parking, in a single solution”

“Realtime information broadcasted from the city center to the parking spot”

“Improving the parking experience carefully integrating technology and design into the environment”

“B2B FIRST”

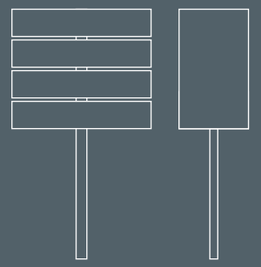
From the end user, to the intermediate stakeholder, to the manager, to the service provider, the parking guidance system has been entirely redesigned based on B2B needs in order to guarantee, at any level, a boost in simplicity, performance, economy and sustainability.

AGLA PARKING ECOSYSTEM

Different needs with the same answer.
All the system elements are designed individually with the aim of being part of a whole solution, supporting users on every key moment during the parking experience.

SOFTWARE PLATFORM

The control and contact point of the AGLA system.



VARIABLE MESSAGE SIGN

An entire range of boards designed specifically by AGLA to meet the needs of the field.

VARIABLE MESSAGE ARCHITECTURAL ELEMENTS

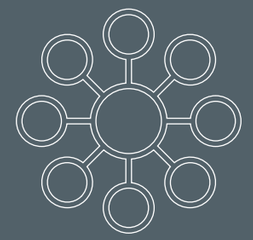
Tailor made elements empowered by the AGLA know-how.

SENSORS & CONTROL UNITS

Elegance, reliability and performance, that's how AGLA conceives parking space monitoring.

SMART LIGHTING

Not just another LED lamp, but the smart AGLA lighting system to illuminate parking areas.

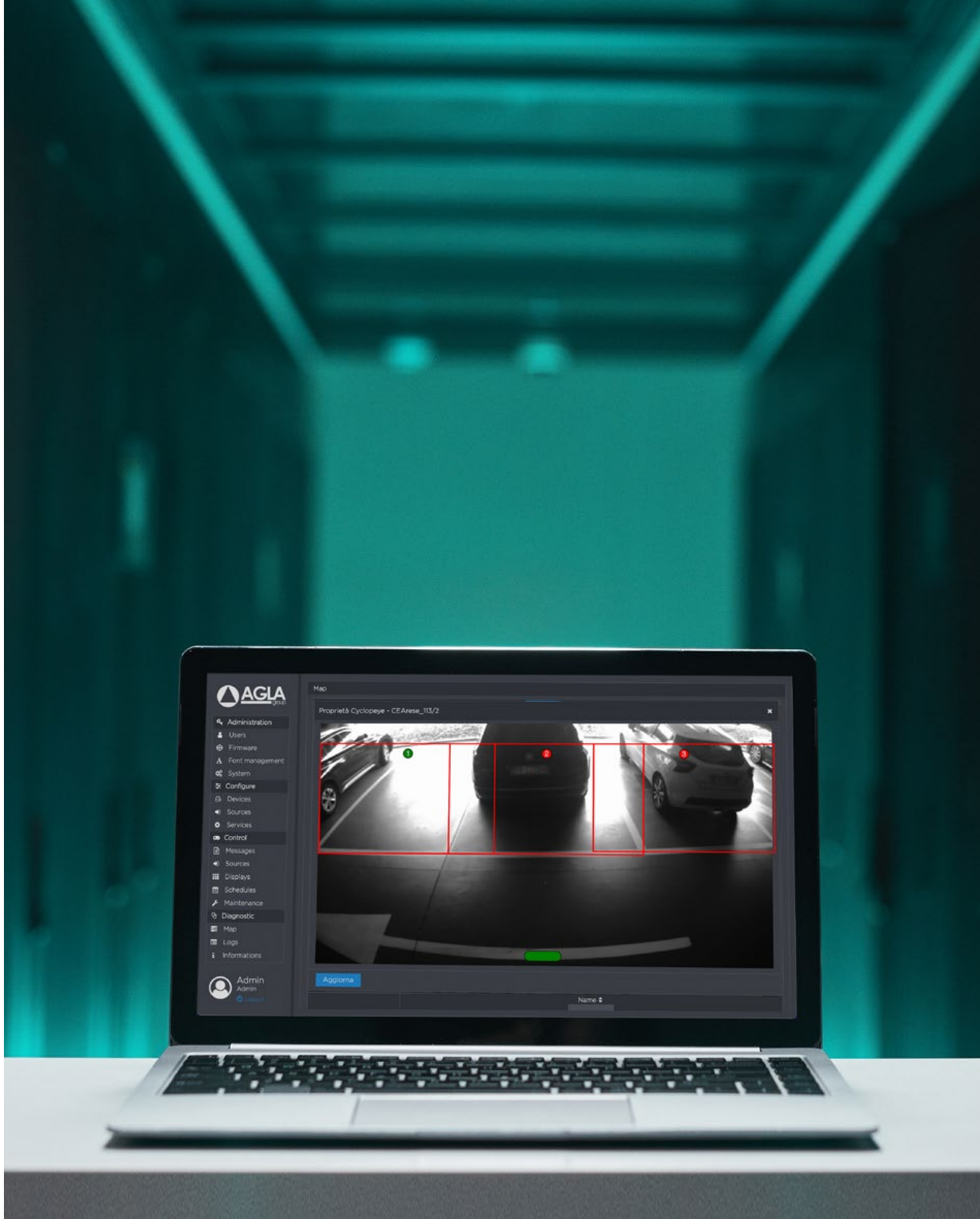


ADVANCED SERVICES & PLUGINS

AGLA services and solutions to interface parking and its elements with the rest of the world.

SOFTWARE PLATFORM

It is the core of the AGLA parking system and provides a remote interface for the management of the parking lot, of each single device and of the information coming from it. It manages the area filling in an intelligent way based on the data collected by the sensors or retrieved from the outside world. It activates preconfigured messages or created run time based on the set scenarios. It allows the real time visualization of any information in the system and the processed statistics of the parking areas including: average parking times, occupancy percentages and customer profiling.
It guarantees the accessibility of the information and the sharing with third party systems and the possibility to use them to perform actions within the physical environment.



TELLME

Web application that can be installed on ONPREMISE on a proprietary server or distributed as a CLOUD service.

The various modules have been developed to be independent and activated according to the needs of the installation. Thanks to this, the licensing package is sized according to the number and type of devices connected and can grow with the volume of the parking facility and the needs.

The provision of services allows to deliver a “turnkey” package and to ensure the appropriate support to the customer at any stage of the project life cycle.

SERVER LICENSE

TELLME ONPREMISE LICENSE

Proprietary server required

- [x] SYSTEM MANAGEMENT
- [x] WEB INTERFACE

ADD-ON:

- [ ] GRAPHICS TOOL
- [ ] PARKING SENSOR
- [ ] STATISTICS
- [ ] EXTERNAL COUNTER
- [ ] SOFTWARE CUSTOMIZATION

TELLME CLOUD SUBSCRIPTION

Annual subscription

- [x] SYSTEM MANAGEMENT
- [x] WEB INTERFACE

ADD-ON:

- [ ] GRAPHICS TOOL
- [ ] PARKING SENSOR
- [ ] STATISTICS
- [ ] EXTERNAL COUNTER

DEVICE LICENSE

TELLME DEVICE LICENSE

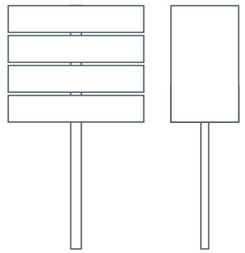
License requested for each connected device.

OUTDOOR SIGN | INDOOR SIGNS | SENSORS | LIGHTS

OPTIONAL SERVICES

- REMOTE INSTALLATION (on premise license only)
- REMOTE CONFIGURATION
- REMOTE TRAINING
- AGLA CERTIFIED HARDWARE (on premise license only)

△▼△▽△▽



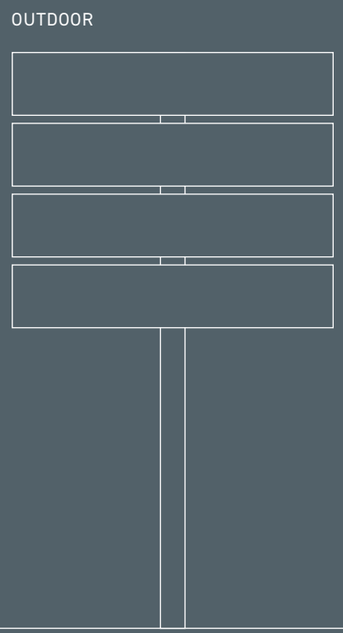
VARIABLE MESSAGE SIGNS

The analysis and knowledge of the environment surrounding the sign.
The right balance between static and dynamic information.
The size and layout of areas and texts.
The high quality of materials and fine finishes.
The constructive accuracies and the technologies involved.
The protection systems adopted against atmospheric agents and environmental stress.

These are the guidelines that have inspired the widest range of panels created to guide the user towards the nearest and most suitable free parking space.

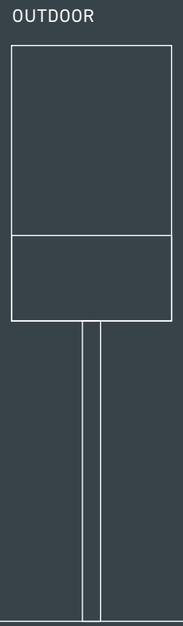
VARIABLE MESSAGE SIGN

MODELS



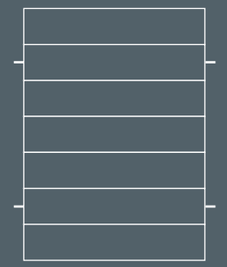
CITY

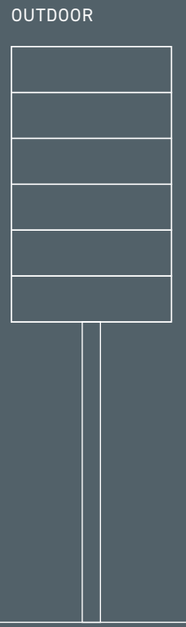
To drive user through the urban context.



ENTRANCE

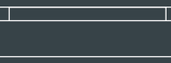
To highlight the presence of a parking facility.





SUMMARY

To summarize multiple infomations in a single location.



AREA

To route users between parking areas.

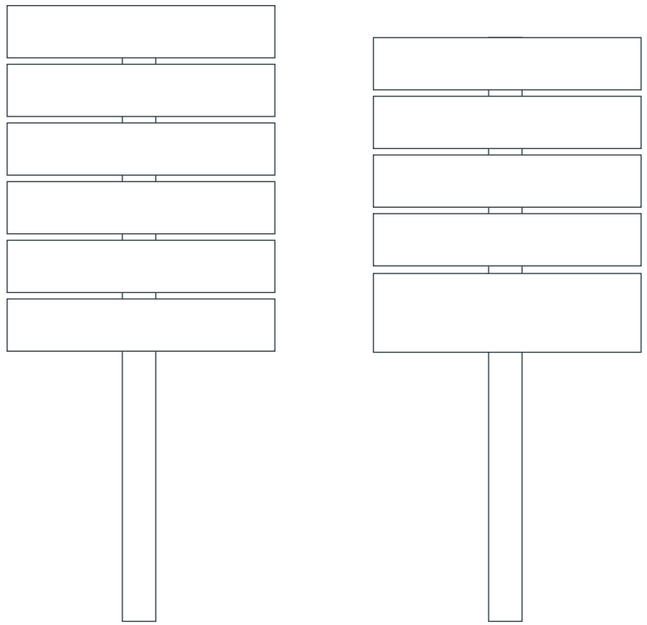
△▼△▽△▽

MISTRAL OUTDOOR

CITY

MISTRAL.CITY aims to make “magic” and natural the display of dynamic information exactly where the users look at, in order to guide them through the city. A product designed for the smart cities of the future, capable of directing users to the free parking spaces closest to their point of interest, in an elegant way, integrated with the urban environment and traffic information.

MISTRAL.CITY 30 | **MISTRAL**.CITY 45



△▼△▽△▽

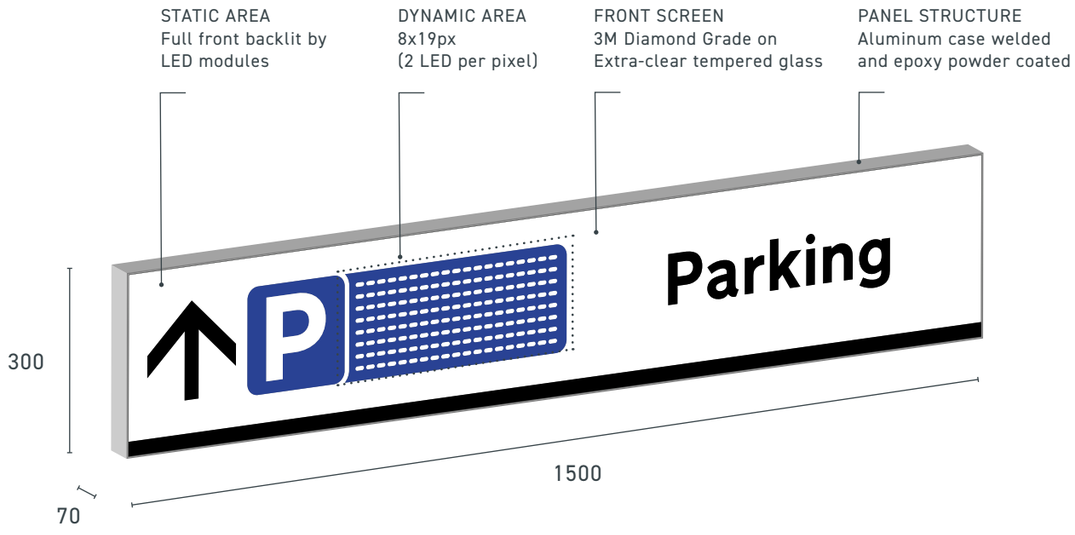
MISTRAL.**CITY** 30

OUTDOOR

Modular board that can be combined with the number of arrows needed for each single location.

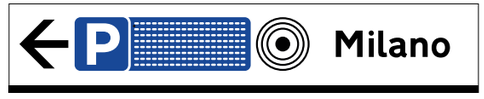
The freedom of choice in the side of the dynamic matrix and the availability of different layouts (completely standardized with the standard road signs of each country), make immediate and natural reading of information to the user of the road.

The possibility to choose the position of the pole helps to easily place the sign within the urban environment.



LAYOUT

IT



UK

NL

YOUR COUNTRY (AT, DE, FR, SP, US and many more)

PERSONALIZED GRAPHICS WILL BE PROVIDED ACCORDING WITH THE COUNTRY REQUESTS

DYNAMIC AREA

LEFT LAYOUT white LEDs matrix
8x19px pitch 16 mm H.100 mm

RIGHT LAYOUT white LEDs matrix
8x19px pitch 16 mm H.100 mm

NO DYNAMIC AREA

FIXING

LEFT POLE

CENTRAL POLE

RIGHT POLE

NETWORK

WIRED *(SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

ACCESSORIES

ROUND POLE
Galvanized steel
pole ø 150 mm
H. 2300 mm

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular,
straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective
packaging, suitable for shipping.

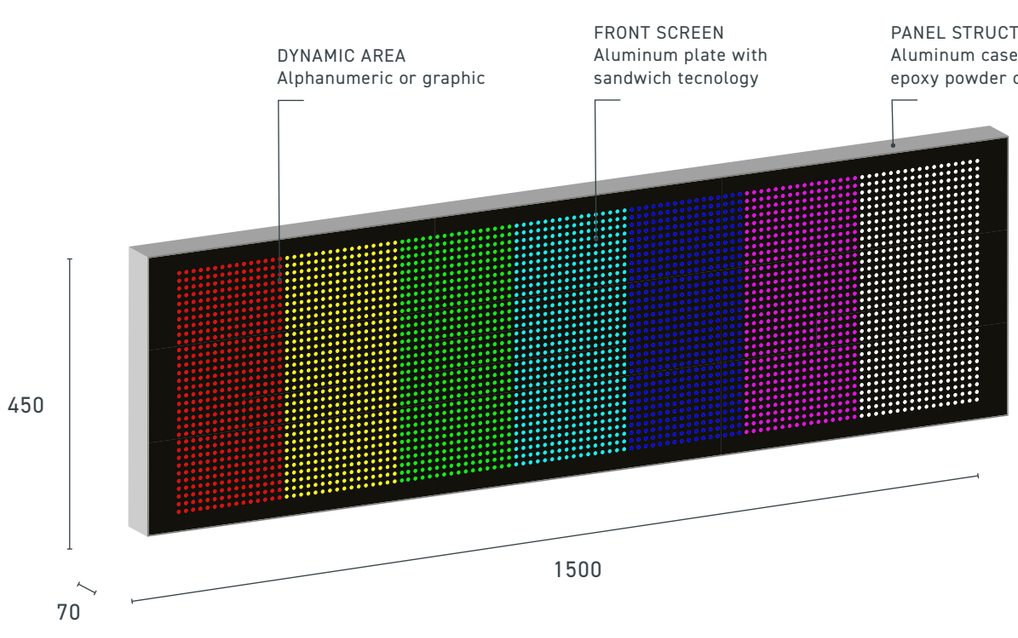
MISTRAL.**CITY** 45

OUTDOOR

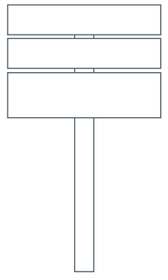
Additional modules to the directional arrows, they enrich the information related to the availability of parking spaces of the different destinations.

Particularly useful to inform citizens and road users in a simple and effective way.

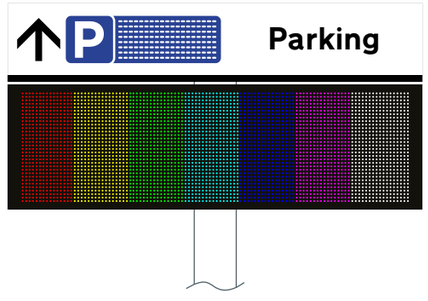
Allows the visualization of texts or graphic elements.



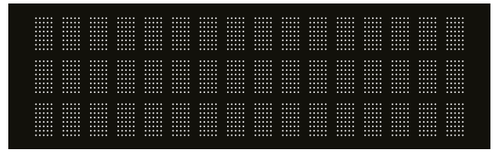
USAGE



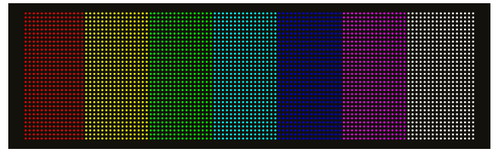
Max Integration:
4x MISTRAL.CITY 30
1x MISTRAL.CITY 45



DYNAMIC AREA



ALPHANUMERIC
White LEDs
3x16 characters H.100



GRAPHIC
RGB LEDs matrix
32x112 px pitch 12,5 mm

FIXING

LEFT POLE

CENTRAL POLE

RIGHT POLE

NETWORK

WIRED *(SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

ACCESSORIES

ROUND POLE
Galvanized steel
pole ø 150 mm
H. 2300 mm

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular,
straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective
packaging, suitable for shipping.

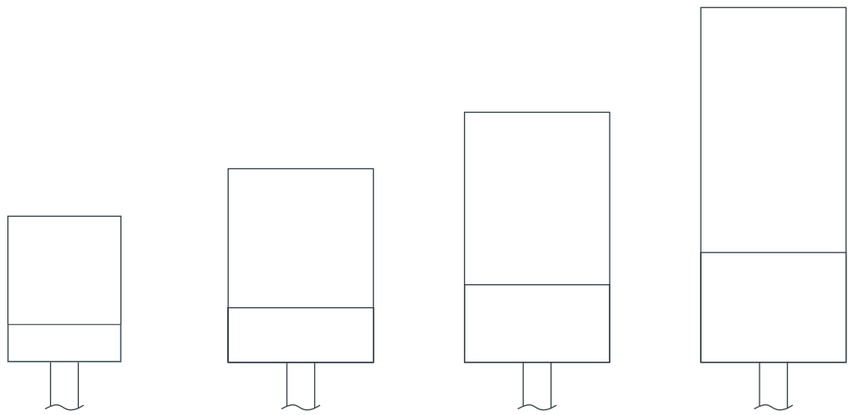
△▼△▽△▽

MISTRAL OUTDOOR

ENTRANCE

The main goal of the MISTRAL.ENTRANCE range is to inform drivers about the presence of a parking structure and facilitate the access displaying useful information, whether static or variable. In order to accomplish at best this simple but essential function, the product must be clearly visible and easy to understand. MISTRAL.ENTRANCE, conspicuous and with its pleasant simplicity, is a business card for the parking facility.
The entire MISTRAL.ENTRANCE range is characterized by clean shapes and an extra clear tempered glass with Digital Ceramic Printing® tecnology which fully covers the front face. This area is completely dedicated to the presentation of static and variable information. The structural parts of the panel are made of aluminum, in order to guarantee robustness and durability. Thanks to the different models, the possible customisations and the versatility of the product, MISTRAL.ENTRANCE is able to fulfil functional, aesthetic, technical and economic needs.

MISTRAL.ENTRANCE 900 | **MISTRAL**.ENTRANCE 1200 | **MISTRAL**.ENTRANCE 1550 | **MISTRAL**.ENTRANCE 2200



30 | VARIABLE MESSAGE SIGN

△▼△▽△▽

MISTRAL.**ENTRANCE 900**

OUTDOOR

Attention to detail, fine finishes and quality materials provide a high value entry-level product.

The possibility to customize the graphics and to select the type of dynamic support make this small sing extremely versatile and practical.

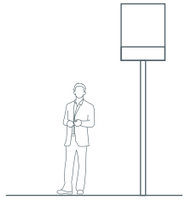
The wide range of accessories available makes this display perfect for any type of installation and budget.

PANEL STRUCTURE
Frame in extruded aluminum welded and epoxy powder coated

FRONT SCREEN
Extra-clear tempered glass plate with Digital Ceramic Print©

STATIC AREA
backlit by LEDs modules
H.620 mm

DYNAMIC AREA
multiple options available



SIDES

SINGLE SIDED
Depth: 100 mm

DOUBLE SIDED
Depth: 150 mm

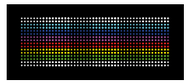
STATIC AREA

STANDARD
GLASS PRINTING
with custom
“Parking Name” sticker

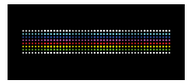
CUSTOM GRAPHIC
680 x H.620 mm

CUSTOM GLASS PRINTING

DYNAMIC AREA



RGB led matrix
16x48 px pitch 12,5 mm



RGB led matrix
8x48 px pitch 12,5 mm

3 white DIGIT +
SEMAPHORE

LIBERO/COMPLETO
H.100 mm
(Italian Market only)

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

ROUND POLE
Galvanized steel
pole ø 60 mm
H. 3500 mm

SQUARE POLE
Galvanized and epoxy powder coated steel
- pole 80x80 mm H.3000 mm. (single sided)
- pole 100x100 mm H.2350 mm. (double sided)

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

△▼△▽△▽

MISTRAL.**ENTRANCE 1200**

OUTDOOR

Clearly visible thanks to its size and layout, without losing focus on the budget.

Different types of dynamic supports allow to configure the product in the desired format and with the necessary functionality for all types of parking.

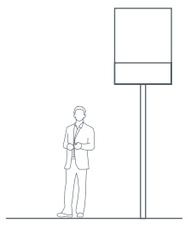
Valuable materials, finishes and technological elements as for the whole MISTRAL range.

PANEL STRUCTURE
Frame in extruded aluminum welded and epoxy powder coated

FRONT SCREEN
Extra-clear tempered glass plate with Digital Ceramic Print©

STATIC AREA
backlit by LEDs modules
H.900 mm

DYNAMIC AREA
multiple options available



SIDES

SINGLE SIDED

DOUBLE SIDED

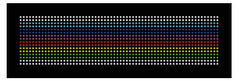
STATIC AREA

STANDARD
GLASS PRINTING
with custom
“Parking Name” sticker

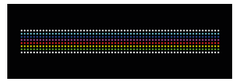
CUSTOM GRAPHIC
900 x H.900 mm

CUSTOM GLASS PRINTING

DYNAMIC AREA



RGB LEDs matrix
16x64 px pitch 12,5 mm



RGB LEDs matrix
8x64 px pitch 12,5 mm

3 white DIGITS +
SEMAPHORE
H.100 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

C CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

SQUARE POLE
Galvanized and epoxy powder coated steel pole 100x100 mm
H.2350 mm

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

△▼△▽△▽

MISTRAL.**ENTRANCE 1550**

OUTDOOR

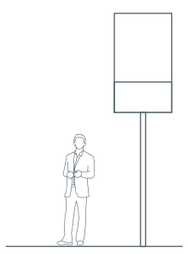
The best seller thanks to the perfect balance between graphic space and dynamic area.

PANEL STRUCTURE
Frame in extruded aluminum welded and epoxy powder coated

FRONT SCREEN
Extra-clear tempered glass plate with Digital Ceramic Print©

STATIC AREA
backlit by LEDs modules
H.1080 mm

DYNAMIC AREA
multiple options available



SIDES

SINGLE SIDED

DOUBLE SIDED

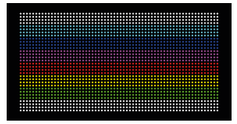
STATIC AREA

STANDARD
GLASS PRINTING
with custom
“Parking Name” sticker

CUSTOM GRAPHIC
900 x H.1080 mm

CUSTOM GLASS PRINTING

DYNAMIC AREA



RGB LEDs matrix
32x64 px pitch 12,5 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

C CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

SQUARE POLE
Galvanized and epoxy powder coated steel pole 100x100 mm
H.2350 mm

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

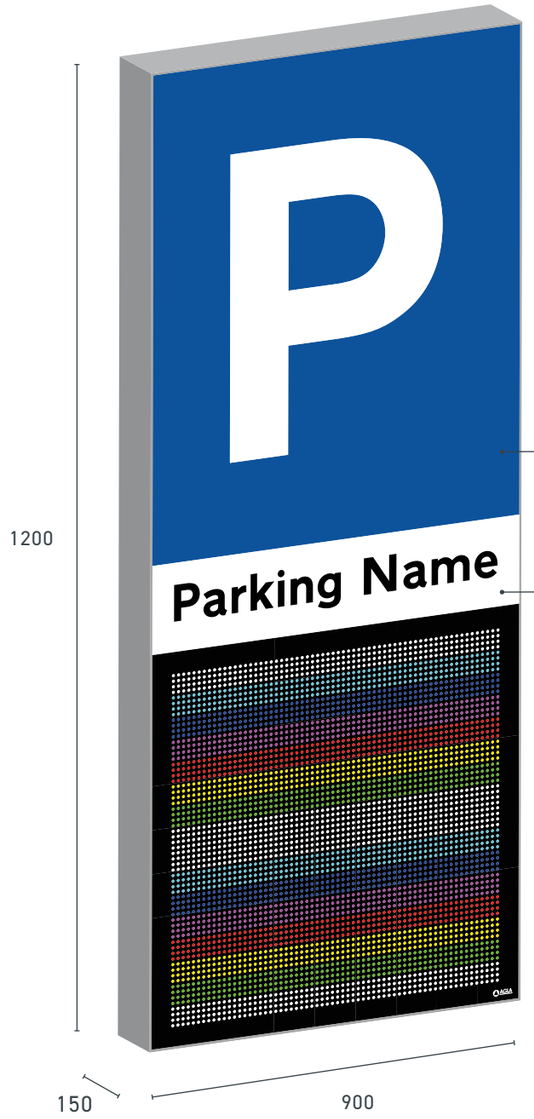
ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

△▼△▽△▽

MISTRAL.**ENTRANCE 2200**

OUTDOOR

Perfect when the information to be provided to users of the parking are many or when the parking must be visible from long distances.

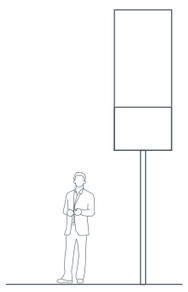


STATIC AREA
backlit by LEDs modules
H.1300 mm

PANEL STRUCTURE
Frame in extruded aluminum welded and epoxy powder coated

FRONT SCREEN
Extra-clear tempered glass plate with Digital Ceramic Print©

DYNAMIC AREA
multiple options available



SIDES

SINGLE SIDED

DOUBLE SIDED

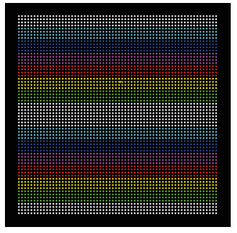
STATIC AREA

STANDARD
GLASS PRINTING
with custom "Parking Name" decal

CUSTOM GRAPHIC
900 x H.1300 mm

CUSTOM GLASS PRINTING

DYNAMIC AREA



RGB LEDS matrix
64x64 px pitch 12,5 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

C CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

SQUARE POLE
Galvanized and epoxy powder coated steel pole 100x100 mm
H.2350 mm.

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

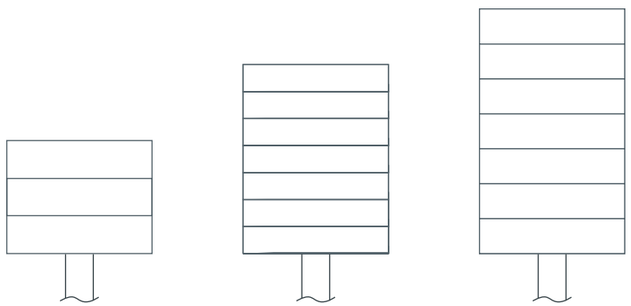
ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

MISTRAL OUTDOOR

SUMMARY

The main goal of MISTRAL.SUMMARY range is to summarize in a single location the information related to multiple parking lots, levels or categories of users.
The entire MISTRAL.SUMMARY range is characterized by clean shapes and a extra clear tempered glass with Digital Ceramic Printing® tecnology which covers the front face fully. This area is completely dedicated to the presentation of static and variable information. The structural parts of the panel are made of aluminium in order to guarantee robustness and durability. MISTRAL.SUMMARY extremes the concept of synthesizing information in the full screen version where the entire area is used to report the status of the different areas, without giving space to static graphics. Alternatively, it is also used with a wider static area and customizable to meet all needs. All layouts can be composed of a few “display segments”, arranged and alternated as desired. Unused portions remain at disposal to be fullfilled by a perfectly backlit graphics.

MISTRAL.**SUMMARY** 700 | MISTRAL.**SUMMARY** 1200 | MISTRAL.**SUMMARY** 1550



MISTRAL.**SUMMARY 700**

OUTDOOR

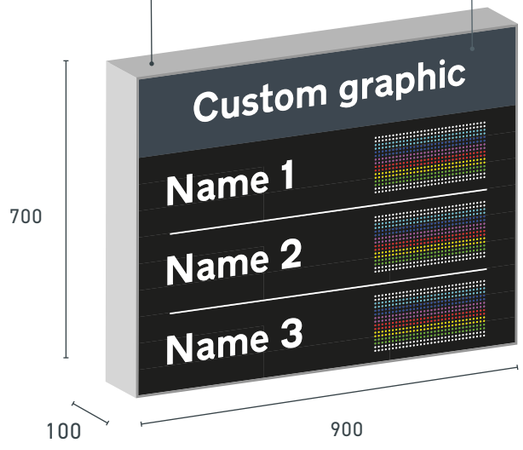
Designed to meet the need to represent up to 4 segments of information, it allows to compose the different types of dynamic display media, still dedicating the desired space to graphics.

PANEL STRUCTURE

Frame in extruded aluminum welded and epoxy powder coated

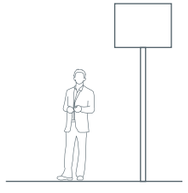
FRONT SCREEN

Extra-clear tempered glass plate with Digital Ceramic Print©

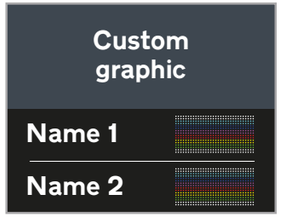


MODULAR CONFIGURATION

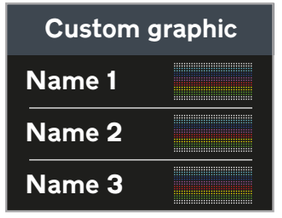
UP TO 4 DISPLAY SEGMENTS



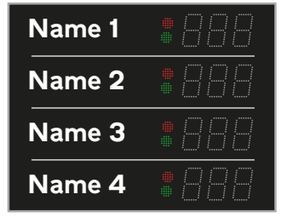
LAYOUT EXAMPLES



LARGE GRAPHIC HEADER
N.2 DISPLAY SEGMENTS

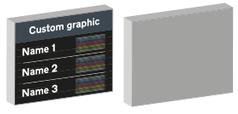


SMALL GRAPHIC HEADER
N.3 DISPLAY SEGMENTS



N.4 DYNAMIC STRIPES

SIDES



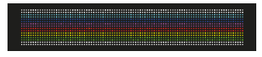
SINGLE SIDED ONLY

STATIC AREA

CUSTOM GLASS PRINTING ONLY
900 x H.700 mm

DYNAMIC DISPLAY SEGMENTS

RGB LEDs matrix
16x32 px pitch 8 mm



RGB LEDs matrix
16x96 px pitch 8 mm

3 white DIGITS + SEMAPHORE
H.100 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

C CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

ROUND POLE
Galvanized steel
pole ø 60 mm
H. 3500 mm

SQUARE POLE
Galvanize and epoxy powder coated steel.
Pole 80x80 mm H.3000 mm.
(single sided).

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

△▼△▽△▽

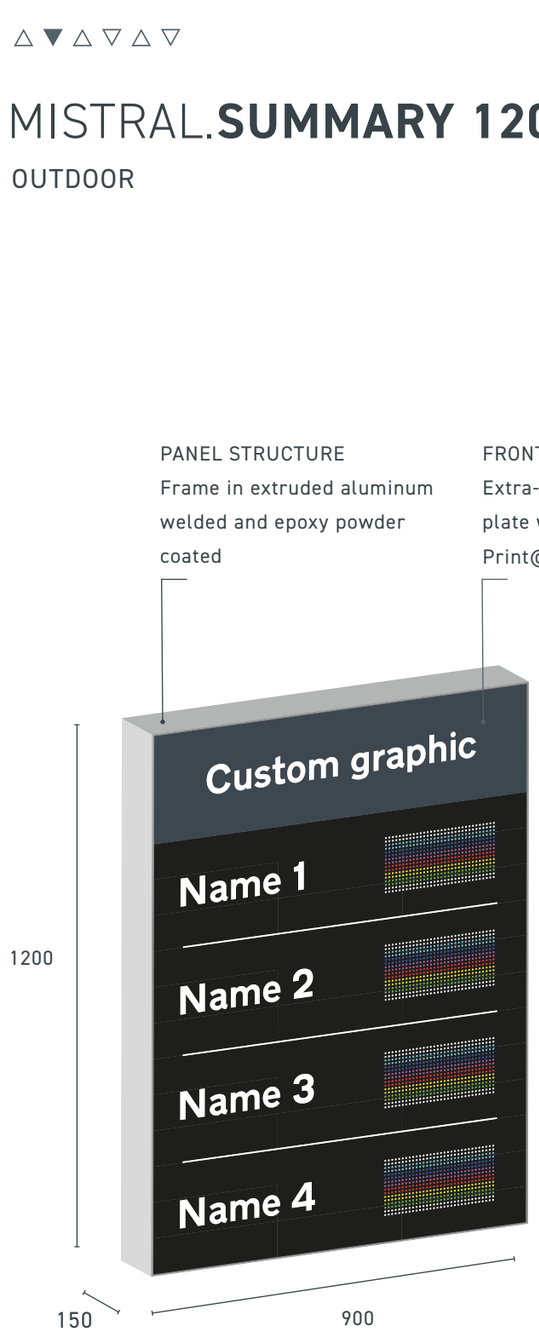
MISTRAL.**SUMMARY 1200**

OUTDOOR

It supports from two to seven segments of dynamic display and allows to manage the graphic space with ease.

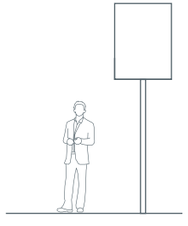
PANEL STRUCTURE
Frame in extruded aluminum welded and epoxy powder coated

FRONT SCREEN
Extra-clear tempered glass plate with Digital Ceramic Print©

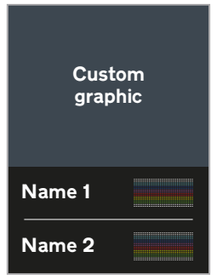


MODULAR CONFIGURATION

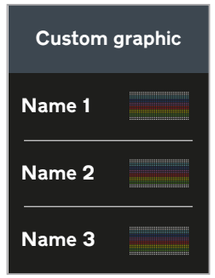
UP TO 7 DYSPLAY SEGMENTS



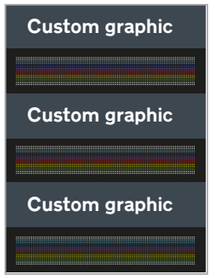
LAYOUT EXAMPLES



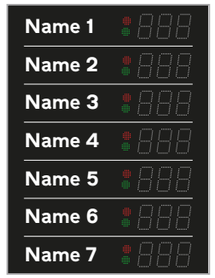
LARGE GRAPHIC HEADER
N.2 DYSPLAY SEGMENTS



SMALL GRAPHIC HEADER
N.3 DYSPLAY SEGMENTS



N.3 GRAPHIC STRIPES
N.3 DYSPLAY SEGMENTS



N.7 DYNAMIC STRIPES

SIDES

SINGLE SIDED ONLY

STATIC AREA

CUSTOM GLASS PRINTING ONLY
900 x H.1200 mm

DYNAMIC AREA

RGB LEDs SMALL matrix
16x32 px pitch 8 mm

RGB LEDs WIDE matrix
16x96 px pitch 8 mm

3 white DIGITS + SEMAPHORE
H.100 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

C CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

SQUARE POLE
Galvanized and epoxy powder coated steel pole 100x100 mm H.2350 mm. The pole is equipped with hooks for fixing the rear door of the panel.

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

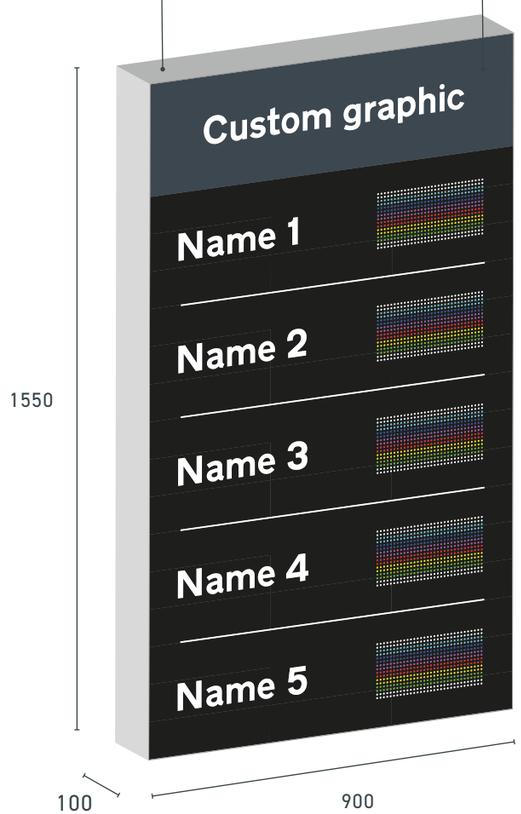
MISTRAL.**SUMMARY 1550**

OUTDOOR

Maximizes the volume of information with nine display segments without graphics, or allows for optimal partitioning of space where information needs to be visible from long distances.

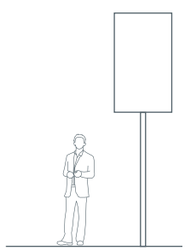
PANEL STRUCTURE
Frame in extruded aluminum welded and epoxy powder coated

FRONT SCREEN
Extra-clear tempered glass plate with Digital Ceramic Print©



MODULAR CONFIGURATION

UP TO 9 DISPLAY SEGMENTS



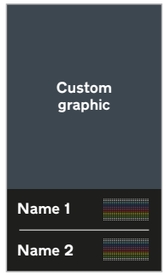
SIDES

SINGLE SIDED ONLY

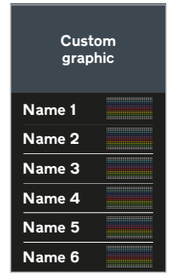
STATIC AREA

CUSTOM GLASS PRINTING ONLY
900 x H.1550 mm

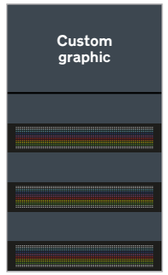
LAYOUT



BIG GRAPHIC HEADER
N.2 DYSPLAY SEGMENTS



MEDIUM GRAPHIC HEADER
N.6 DYSPLAY SEGMENTS



MEDIUM GRAPHIC HEADER
N.3 DISPLAY SEGMENTS
N.3 EMPTY SEGMENTS

N.6 DYNAMIC STRIPES

DYNAMIC AREA

RGB LEDs SMALL matrix
16x32 px pitch 8 mm

RGB LEDs WIDE matrix
16x96 px pitch 8 mm

3 white DIGITS + SEMAPHORE
H.100 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

UMTS

FIXING

BOTTOM (POLE)

LEFT (BRACKET)

RIGHT (BRACKET)

C CUSTOM

Drilling and preparation of the structure with standard fixing (bracket/pole not included)

ACCESSORIES

SQUARE POLE
Galvanize and epoxy powder coated steel pole 100x100 mm H.2350 mm. The pole is equipped with hooks for fixing the rear door of the panel.

FOUNDATION PLATE
Iron tie rod kit
H.250 mm
L.250 mm

BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

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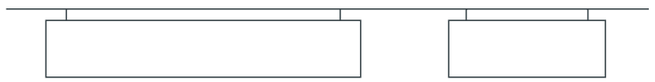
MISTRAL INDOOR

AREA

Shows the best direction to follow, in order to reach the nearest free parking space among the internal lanes of a parking area. This is the main purpose of the AREA range.
MISTRAL.AREA for indoor usage, in its simplicity and with all the technical and tencological features, integrates seamlessly into the parking environment, making itself discreet yet clearly visible.
The visualization of static information, as well as the versatility of the dynamic ones, allow to furnish and characterize the parking area, optimizing the internal road network and reducing management costs, pollution and number of accidents, as well as the time needed.

MISTRAL.**AREA** 50 | MISTRAL.**AREA** 100



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MISTRAL.**AREA**IN **50**

INDOOR

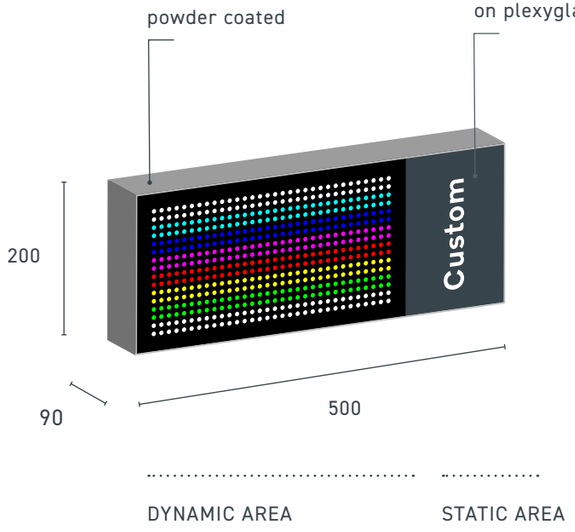
Small, simple and easy to install, it displays the essential information to indicate the direction to follow.

Conceived to be placed in all the junctions of the parking garage, it keeps a small satatic part that allows to personalize the graphics.

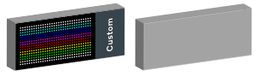
The graphic part helps the user to orient himself inside the parking by means of a chromatic, numeric or symbolic language that characterizes the structure.

PANEL STRUCTURE
Metal frame welded and epoxy powder coated

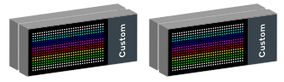
FRONT SCREEN
Direct printing on plexyglass



SIDES

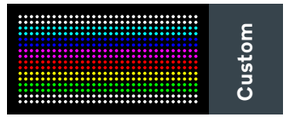


SINGLE SIDED

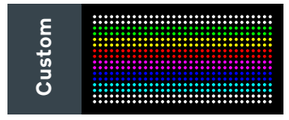


DOUBLE SIDED

LAYOUT



LEFT MATRIX
DYNAMIC: RGB LEDs matrix 32x64 px pitch 5 mm
STATIC: custom printing 135 x H.200 mm



RIGHT MATRIX
DYNAMIC: RGB LEDs matrix 32x64 px pitch 5 mm
STATIC: custom printing 135 x H.200 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

FIXING

TOP CEILING

WALL MOUNTING

Drilling and preparation of the structure with standard fixing (bracket/POLE not included)

ACCESSORIES

BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

△▼△▽△▽

MISTRAL.**AREA**IN **100**

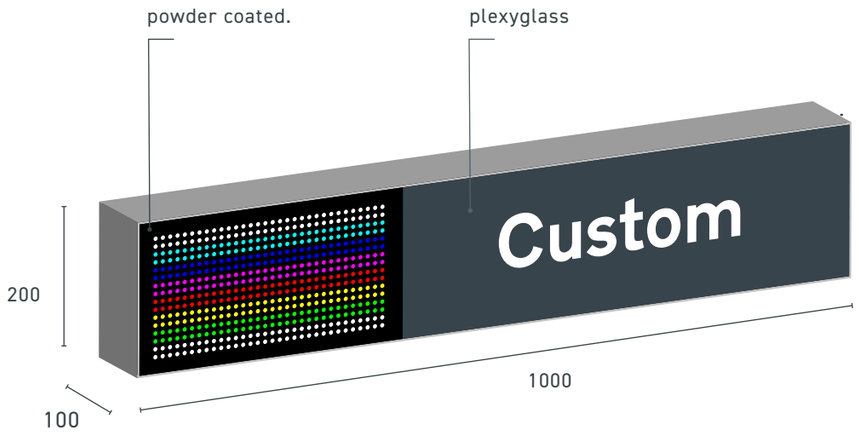
INDOOR

Customizable, both in the static part and in the layout of the sign, this increased size version is useful to complete the parking guidance system.

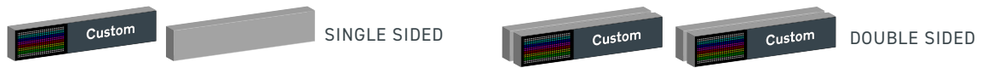
The RGB graphic matrix makes it possible to display the recommended direction and essential information for multiple categories of users with the same board.

PANEL STRUCTURE
Metal frame welded and epoxy powder coated.

FRONT SCREEN
Direct transfer printing plexyglass



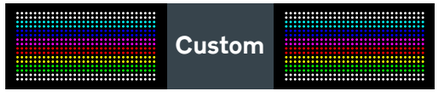
SIDES



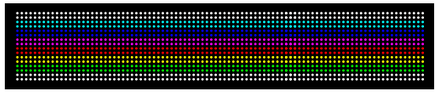
LAYOUT - STATIC & DYNAMIC

LEFT MATRIX
DYNAMIC: RGB LEDs matrix 32x64 px pitch 5 mm
STATIC: custom printing 630 x H.200 mm

RIGHT MATRIX
DYNAMIC: RGB LEDs matrix 32x64 px pitch 5 mm
STATIC: custom printing 630 x H.200 mm



LEFT+RIGHT MATRIX
DYNAMIC: 2x RGB LEDs matrix 32x64 px pitch 5 mm
STATIC: custom printing 250 x H.200 mm



FULL MATRIX
DYNAMIC: RGB LEDs matrix 32x192 px pitch 5 mm

NETWORK

WIRED *(CONTACT, SERIAL, ETHERNET)*

RADIO/WIFI

FIXING

TOP CEILING

WALL MOUNTING

Drilling and preparation of the structure with standard fixing (bracket/POLE not included)

ACCESSORIES

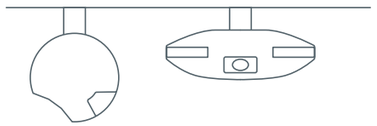
BRACKETS
Galvanized steel angular, straight, collar, custom.

ISPM-15 WOODEN CRATE
Customized wooden protective packaging, suitable for shipping.

VARIABLE MESSAGE ARCHITECTURAL ELEMENTS

The realization of tailor-made structures based on a given sketch or design a brand new proposal starting from a brief, are just some of the customization services provided.
The company's experience and know-how are made available to the customer with the aim of installing iconic, dynamic and connected elements that integrate perfectly into the surrounding architectural context.
Mechanics, electronics and software packaged in a single complete turnkey solution.

EXAMPLES OF
VARIABLE MESSAGE
ARCHITECTURAL
ELEMENTS



SENSORS & CONTROL UNITS

Sensors and control units that address the needs of all stakeholders throughout the entire product lifecycle. The needs of the buyer, the installer, the maintainer, the manager and the end user, in addition to the physical positioning and the environment surrounding the product, are the basis for the design. The choice of raw materials and technologies to be adopted, in addition to the study of shapes and positioning, allow the creation of products that are functional, decorative and allow to obtain maximum performance from any point of view.

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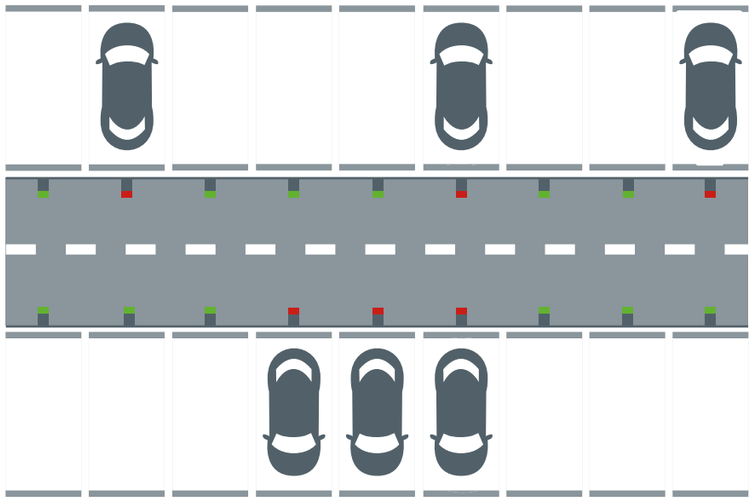
APEYE

All-in-one ultrasonic sensor with innovative design and amazing intuition. Product covered by patent as the first in the category of ultrasonic sensors to be able to monitor and report the occupational status of the car from 45° with a single device. Positioned above the line of each parking space is connected to a concentrator, located in strategic areas, able to power and coordinate the readings of the region. Designed, manufactured and supplied to facilitate all phases from engineering, installation and activation, can reduce the costs of plant accessories and maintenance.

APEYE.SENSOR



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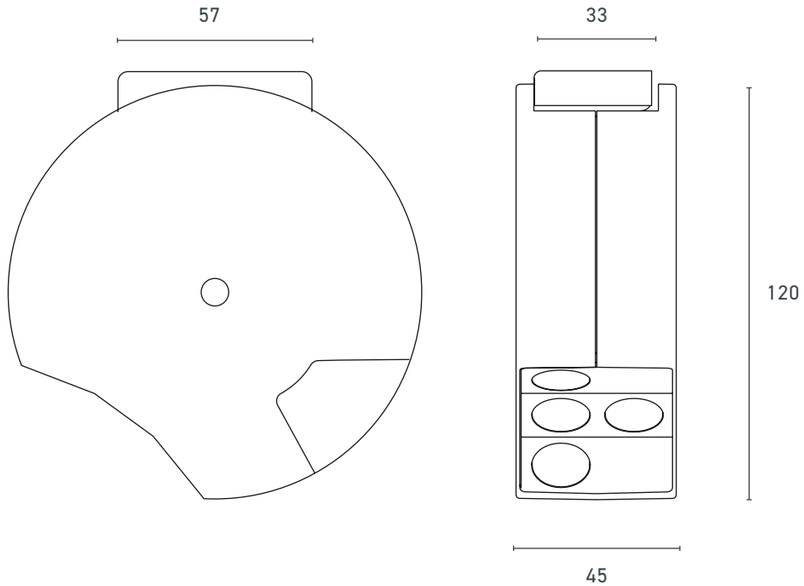
APEYE.SENSOR

The main server is connected to the zone concentrators and allows access to clients on the same network.

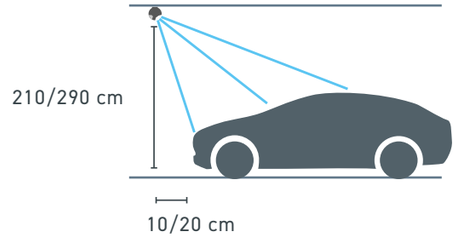
The zone concentrators control up to a maximum of 64+64 sensors, synchronizing the readings and sharing the information received from the sensors to the central server.

The sensors, equipped with 3 ultrasonic emitters at 44KHz and a receiver, monitor the parking space and display their status through RGB leds.



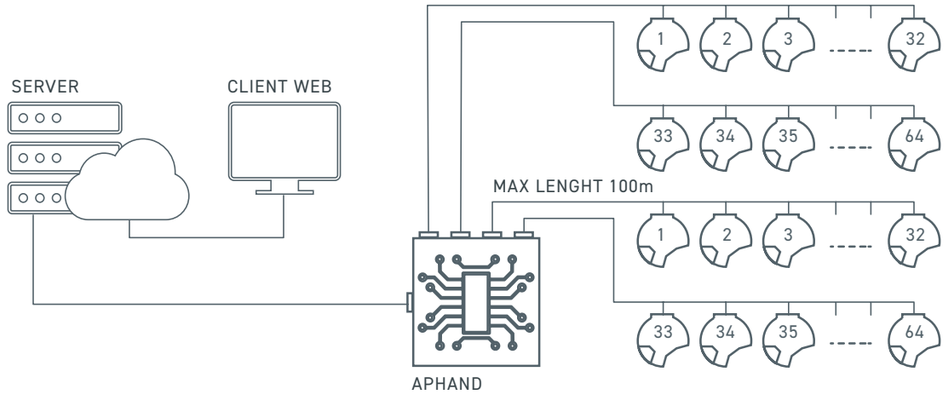
FIXING

Heigh: min 2100 mm max 300



CONNECTION

ARCHITECTURE



CONCENTRATOR

APHAND.64
32+32 UNITS

APHAND.128
32+32+32+32 UNITS

OPTIONAL SERVICES

SURVEY

PROJECT PLANT

ADDRESSED AND LABELED DEVICE

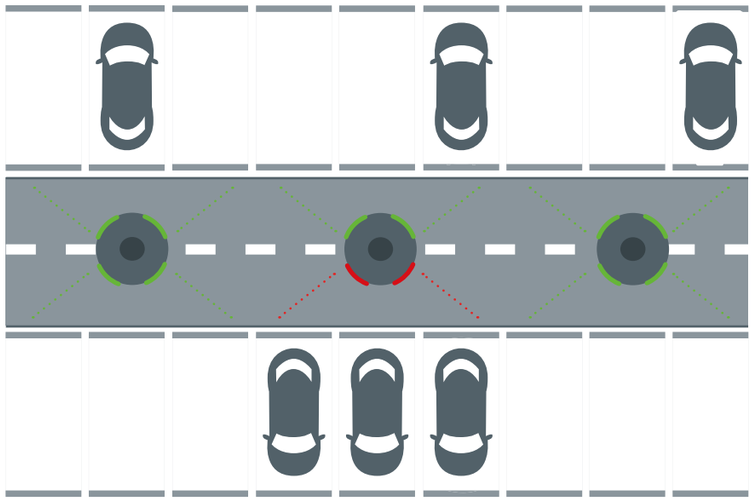
REMOTE INSTALLATION

REMOTE/ONSITE ACTIVATION

CICLOPEYE

This device exploits the most innovative technologies and the latest Machine Learning algorithms based on Neural Networks, to perform real time video analysis on-board.
Designed to simplify the system architecture, reduces the number of single points of failure and maximizes the performance of occupational status detection, it adds the ability to recognize objects and perform advanced functions thanks to image reconition.
A single device, positioned in the center of the lane, is able to monitor and read the license plates of up to 3+3 cars. The indicator lights report the availability of parking spaces on one side or the other of the lane through powerful RGB LEDs.

CICLOPEYE.CONCENTRATOR | **CICLOP**EYE.SENSOR



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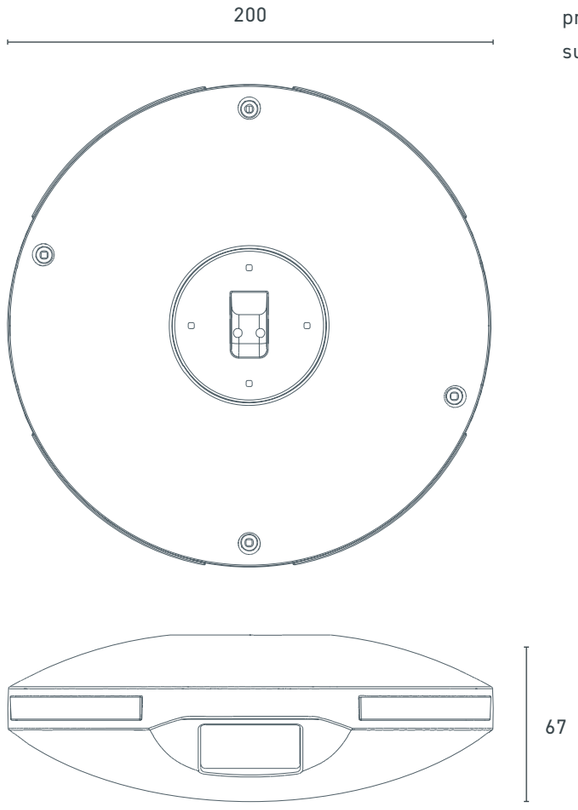
CICLOPEYE

Each sensor is connected to a zone POE switch through a simple ethernet cable.

The zone switch is responsible for powering the device and for putting the devices in communication, through a star network, with the central server.

Each individual device communicates with the server to synchronize it with the information detected on each monitored parking space.

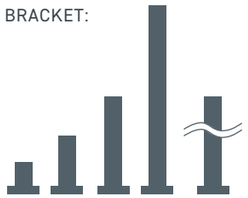
The transmission of only metadata between the sensor and the server ensures maximum privacy and the simplest architecture to support the system.



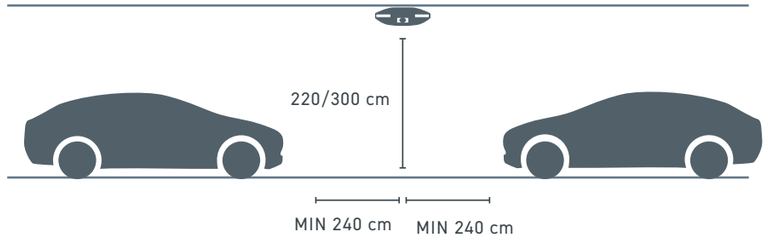
FIXING

Heigh: min 2100 mm max 300

BRACKET:



H.50 H.100 H.200 H.400 CUSTOM



CONNECTION

SENSOR WITH
ETHERNET PLUG

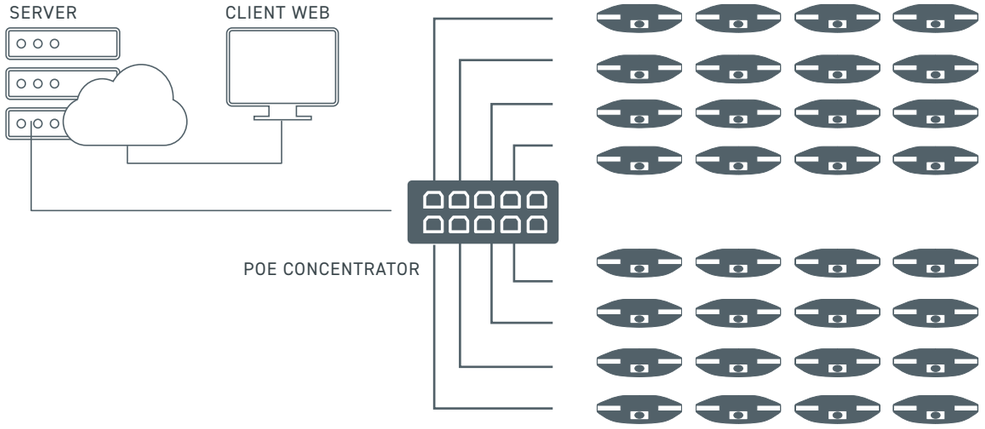
LENSES

FOCAL LENGHT
2.8 mm

FOCAL LENGHT
3.6 mm

Based on lane width and number of car space covered

ARCHITECTURE



CONCENTRATOR

24 PORTS POE CONCENTRATOR

ADD-ON

AA000BB

LICENCE PLATE RECOGNITION
SOFTWARE MODULE

OPTIONAL SERVICES

SURVEY

PROJECT PLANT

ADDRESSED
AND LABELED DEVICE

REMOTE
INSTALLATION

REMOTE/ONSITE
ACTIVATION

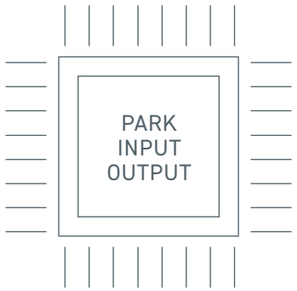
△▽△▼△▽

PARKIO

Control board produced to electronically interface different physical devices located in the parking facility.

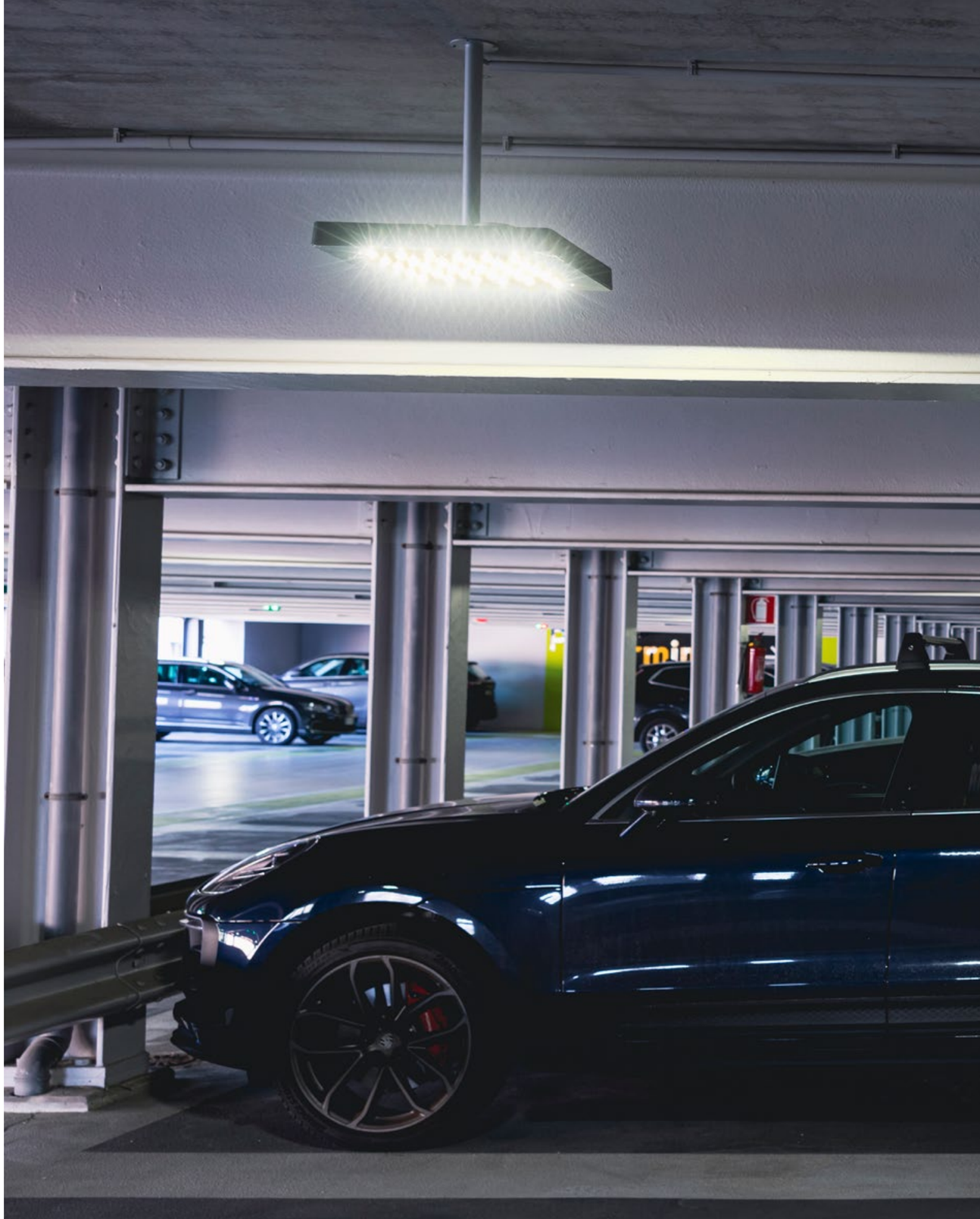
Capable of detecting signals or implementing physical commands, it communicates directly with the central server.

Programmable and configurable according to need, it performs a wide range of tasks, from counting cars by means of connected loop or photocell systems, to the activation of ventilation systems or the opening of parking barriers.



SMART LIGHTING

An intelligent lighting system and not just a simple lamp, devices interconnected with the parking guidance system, able to ensure true energy efficiency. To effectively illuminate an area, it is necessary to know the normative that regulate the required lighting levels, the architectural peculiarities and the design of a lamp integrated in the environment.
A technologically advanced lamp with an elegant and functional design is AGLA's solution to complete the parking guidance system, which aims to accompany the user to the end of his parking experience, illuminating his path in the best possible way.



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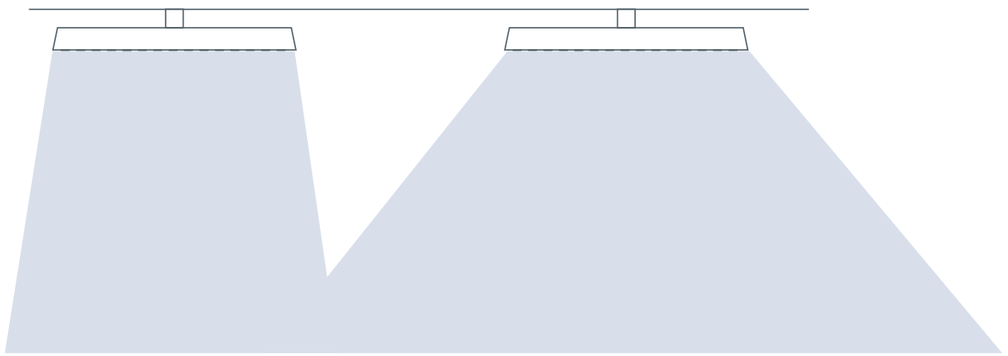
MYRA.LIGHT

Made in Italy by AGLA, the MYRA lighting system is a synonym of quality and resource efficiency. Positioned in the center of the driving lane, each MYRA.LIGHT is able to cover an area of 7,5x16 meters with only 80W. Thanks to its smart driver each lamp is able to self-adjust according to the external light, compensating only the light needed to reach the desired threshold. In addition, the lamp guarantees 5 years of constant flow of lighting going to compensate for the physiological loss of efficiency of the LED over time by increasing consumption until it reaches the nominal power.

MYRA.**LIGHT** PK | MYRA.**LIGHT** XL



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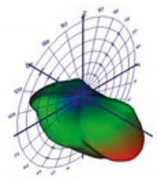
MYRA.**LIGHT PK**

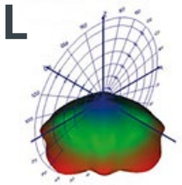
REFERENCE FLUX 8.250 lm
CONSTANT FLUX 0-60.000 h 7.160 lm
covered area: 7,5x16m



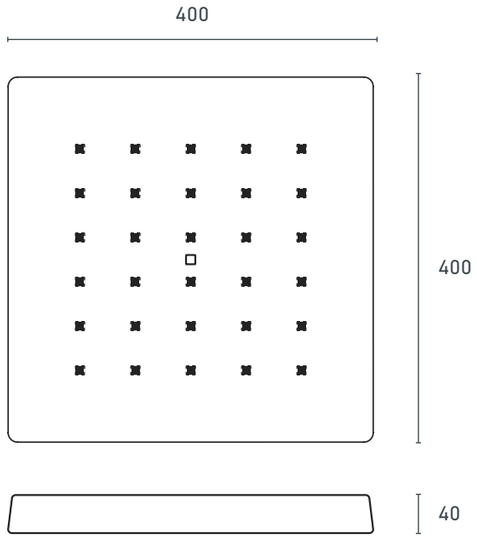
Thanks to the asymmetrical lenses, MYRA.LIGHT PK conveys all the energy of the LEDs in the directions where light is needed, maximizing the ratio light emitted over consumption.

MYRA.**LIGHT XL**

REFERENCE FLUX 8.910 lm
CONSTANT FLUX 0-60.000 h 7.740 lm
covered area: 7,5x7,5m



To smoothly cover lanes and certain areas of the parking structure, MYRA.LIGHT XL is designed to fit all situations, avoiding glare to drivers but maximizing efficiency.



FIXING

CEILING

CONNECTION

STAND ALONE

RADIO/WIFI

ACCESSORIES

BRACKETS
Galvanized steel angular, straight, collar, custom.

EMERGENCY KIT
9W power supply

LENSES

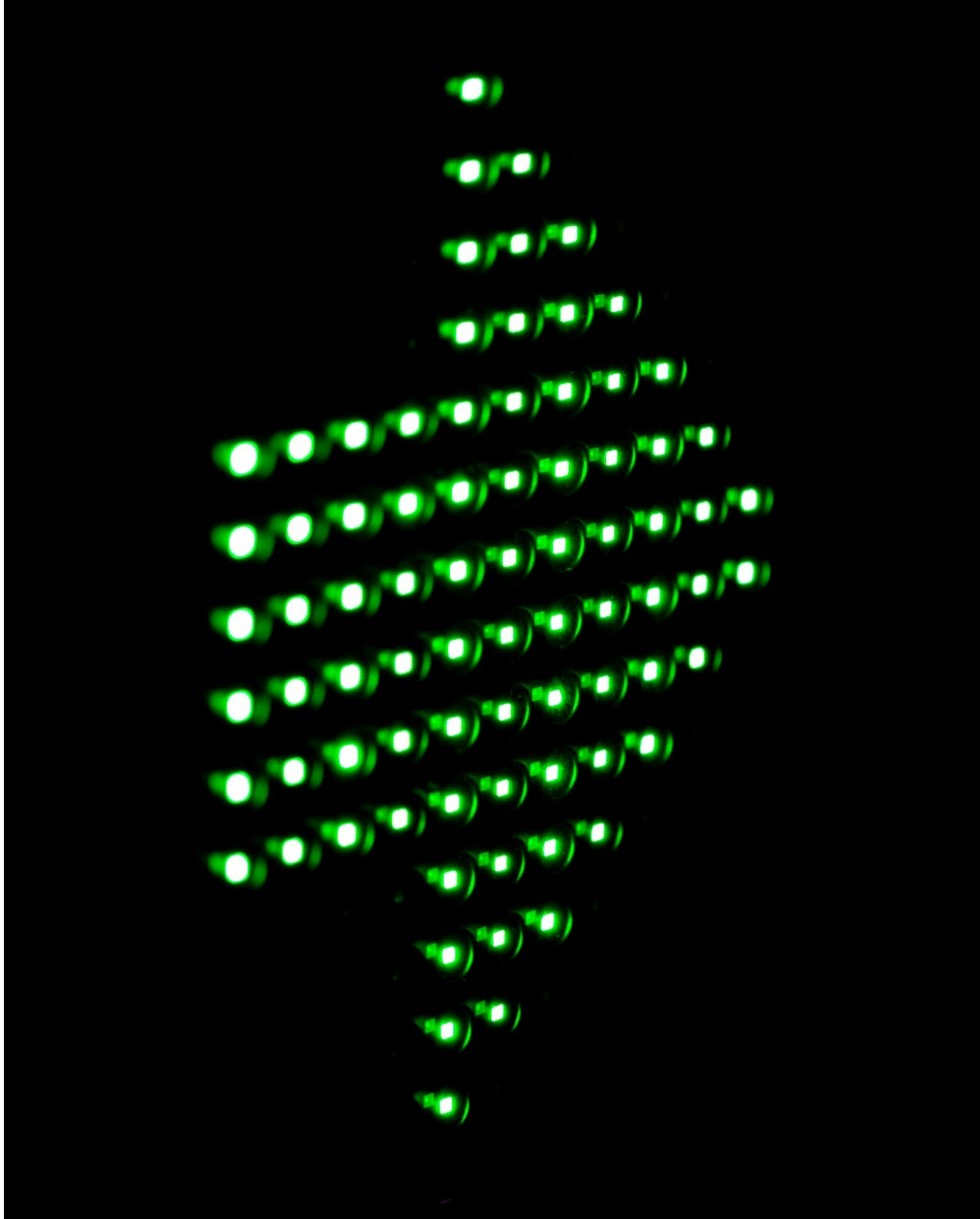
Silicone is rich in remarkable features and one of the main for this applications is the resistance to Hydrocarbon (high presence in covered parking areas), which represents the main cause of yellowing of the plastic materials. Combined with high temperature resistance, these features of the lenses drive to a high transparency of 94%, compared with 92% of the glass and 87-88% of PMMA (Polymethyl-methacrylate). Moreover, since also the primary lens of LEDs is made of silicone, improves the LED-lens pairing and thus efficiency.

DATA SHEET

Material	Aluminum + Techno-Polymer
Dimension	400 x 400 x 40mm
Weight	4 Kg
Voltage	110-240Vac
MIN Power (starting)	75W
Average Power	82 W
MAX Power (after 60K hour)	89 W
Protection Grade	IP 54
IK	08
Insulation Class	II
Lens	Silicone LSR
Nominal Flux of the LED	10.710 Llm
Color Temperature	5000 K (4000 K)
Number of LED	30 power LED
Cromatic Rendering	> 80
LED Lifespan	> 60.000h
PFC	0,95_0.97
Operating Temperature	-30 C + 50 C
Operating Humidity	0 95 % R
Life of the Devices	> 60.000 h
Programmable Power*	From 0 to 89W
Programmable Brightness*	From 0 to 100%

ADVANCED SERVICES & PLUGINS

A modern parking guidance system needs to be integrated into the environment, but also with the users. The interconnection of systems and the exchange of information between different services and service providers are aimed at sharing as much information as possible. AGLA has an OPEN DATA SYSTEM where the sharing of information is the basis of future evolution.



API

At the base of the data exchange between software systems there are the well-known Application Programming Interfaces, a set of definitions and protocols for the creation and integration of application software.

AGLA parking guidance system uses and provides APIs to interface with and be interfaced with third party systems. From the highest and most advanced software layers, to the lowest and most interconnected devices, the solution can be easily integrated with the external environment.

FIND YOUR CAR

The find-your-car is the service that allows the user to easily locate his car within a parking area. Improperly, this service is thought to be provided by the video sensor. In the reality the video sensor is the technology needed to collect the data of the vehicle license plate. It is the whole system of driving to the place that allows you to use it by accessing the data as a service.

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