

AFAPARK® PRO AIO is a detector coupled with the indicator in a single housing installed in front of the parking space.



Sensors directly control the status of parking place and at the same time inform the indicator about the status. By RS 485 sensor communicates with the concentrator SLAVE, receives and transfers information about the occupation of the parking place (reservation, unoccupied, occupied).

The maximum height of assembly for AFAPARK® PRO AIO is 3,3m. Maximum distance for the sensor from the edge of the parking space can not be more than 80 cm.

The logic of the system and detection is designed to ignore temporary changed of the status e.g. walking people. The main element of the indicator is that it's double-sided. The utilization of LEDs allow good visibility, low power consumption and durable operation. The pulsing green light informs that the place is unoccupied. Constant red light informs that the place is occupied. There is a special status place indication is replaced by specific color, instead of the green light for instance we use the following:

- Blue - for handicapped drivers.
- Pink - for mother and child.
- Orange - for other special places.

Each AFAPARK® may be equipped optionally with speakers, which allows to broadcast sound announcement for individual sound personification of the parking places. This concept enables passing the information to each parking client about the number of the parking place he occupied and additionally it may be used as a commercial communicate broadcast tool. The sound communicate is also used for the service of specific status parking places like Handicapped people, VIP, etc.

For precise installation of the sensor is required to install them precisely level.

Technical specification

| | |
|---|-------------------|
| Dimension (LxWxH) | 224x65x52 mm |
| Supply voltage | U = 48 VDC |
| Maximum current consumption /option with speaker | I = 80 mA/ 250 mA |
| Maximum height of assembly | 3,3m |
| Operatin mode : | bistabile |
| LED color : | |
| - place unoccupied | pulsing |
| - place occupied | "red" constant |
| Brightness | 2 cd |
| Working temperature range | -30 °C + 60 °C |
| Maximum humidity of surrounding area | <80% |
| Type of housing | Aluminum |
| Housing color (Possible personalization) | RAL 9005, black |
| International Protection Rating IP | IP54 |
| Protection Rating IK - Mechanical impact resistance | IK08/10 |