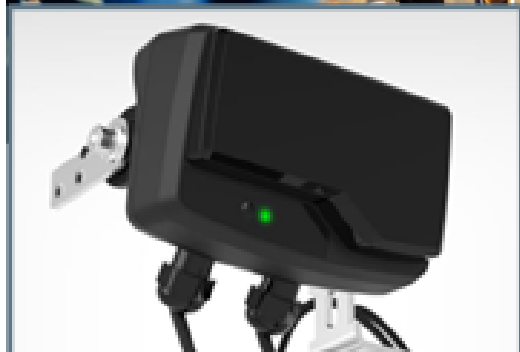


# RADARS RFSA

## ACTIVE MOBILITY

*For a safe and fluid shared urban space*



**The RFSA radar is the Active Mobility version of the new R-FLEX radar range, designed to secure and regulate urban travel, mixing vehicles, pedestrians, bicycles, but also other motorised personal mobility devices.**

### BENEFITS

- Integration of active mobility into the traffic flow
- Securing urban areas and pedestrian crossings

### APPLICATIONS

- Request for green or priority
- Extension of green on a pedestrian crossing or on a crossroads
- Dynamic public lighting
- Triggering of signals subject to speed, direction

### *Operating principles*

The RFSA version of the R-FLEX range has a specific algorithm and an appropriate range allowing optimal detection of cycles and pedestrians. Thus, detection with or without the notion of speed will activate a signal to an automaton allowing to control traffic lights, public lighting, etc....

They are fully configurable (Cap'Mobile application), which gives them great flexibility of use.

### *Characteristics*

#### **Performance**

With a detection range of up to 60m, the RFSA radar provides suitable solutions for making public spaces safer and more fluid. The selective multidirectional detection of RFSA radars can be combined with an over/under speed threshold and/or a dwell time to ensure targeted detection.



### PRODUCT BENEFITS

- Quick and easy installation
- No civil work
- Reliable and adjustable detection
- No maintenance
- Cap'Mobile compatible

### Easy to set up

Compatible with the CAP'MOBILE application (Bluetooth connection), the RFSA radars are configurable on the ground and easy to set up. All their parameters can be consulted and adjusted quickly and the outputs are fully configurable (NO/NC, active or not, ...), which gives them great flexibility of use.

### Easy to install

RFSA radars are easily fixed to any support (light pole, candelabra, etc.) by means of their multi-position bracket which allows the product to be oriented. Their small and handy connectors make installation easy.

## Technical characteristics

<b>Technology</b>	24 GHz Doppler radar
<b>Detection range</b>	Adjustable up to 60m
<b>Angle</b>	20° horizontal / 40° vertical
<b>Output type</b>	2 fully configurable optocoupler outputs Max 50mA / 30VAC / VDC
<b>Output configuration</b>	Output can be enabled or disabled Speed threshold adjustment Direction (incoming/outgoing/omnidirectional)
<b>Connexion</b>	IP connector 68 + 30cm cable Gland connection with 5m cable
<b>Supply voltage</b>	230VAC - 12 at 24VACDC
<b>Consumption max</b>	1,3W - 17mA @ 230VAC / 500mW - 35mA @ 24VAC / 200mW - 25mA @ 12VDC
<b>Temperature range</b>	Stock : -40°C à +85°C    Operating : -40°C à +70°C.
<b>IP</b>	65
<b>Dimensions</b>	132 x 78 x 77 mm 500g (230VAC version - connectors + fixing bracket)
<b>Interfaces</b>	Configuration: CAP'MOBILE application Display: front panel LED (deactivable)
<b>Standards</b>	European Directive 2014/53/EU

### Accessories

WAB-0-073 - Offset bracket

WAB-100-059 - Cabling set for 230VAC version

WAB-100-060 - Cabling set for 12/24VAC/DC version

WAB-100-061 - Connectors IP68 - 5 points

WAB-100-062 - Connectors IP68 - 2 and 5 points

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