

# PATROL DT

## DUAL TECHNOLOGY OUTDOOR SENSOR – IP65

Also available in cabled version

PATROL has been designed to provide an outdoor perimeter protection creating a horizontal barrier with multiple beams that allows to anticipate the intrusion. It covers an area up to 9 meters with a detection angle of about 90° and it is equipped with the mode «Pet Immune». In this mode, the movement of an animal passing below the installation height of the detector is not detected.



### TECHNICAL FEATURES

Power supply: 11 – 14 Vdc

Consumption: 20 mA at rest - 40 mA in alarm

Battery autonomy: 3 years (anti-blinding system disabled)

The consumption and the autonomy do not include the radio module connected.

Maximum range: 9 m at 90°

**IMPORTANT:** This sensor detects the temperature differences between a moving object and the background temperature of the protection area. If the object does not move, the detector cannot detect it. Moreover, the temperature of the object and the environment temperature can affect the maximum measurement range.

Type of lens: Fresnel

Microwave frequency: 24.000 - 24.250 Ghz

Working temperature: -20° C at + 70° C

Anti-opening contact: yes

Anti-removal sensor: accelerometer

Accelerometer intervention time: about 9 seconds

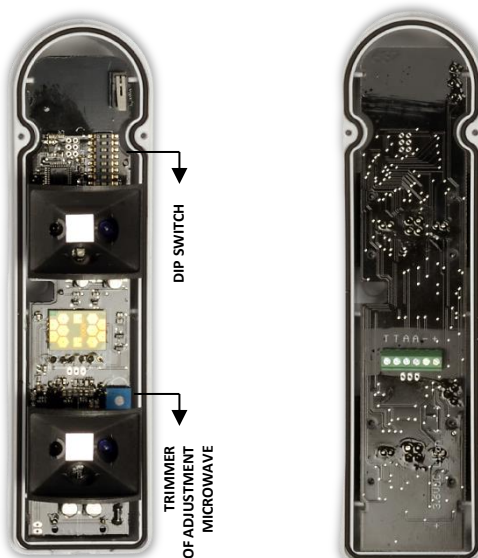
Anti-blinding system intervention time: 3 minutes

Max. humidity: 95% (without condensation)

Dimensions: 200 x 65 X 45 mm – Weight: 100 gr

Degree of protection: IP65

Warranty: 3 years



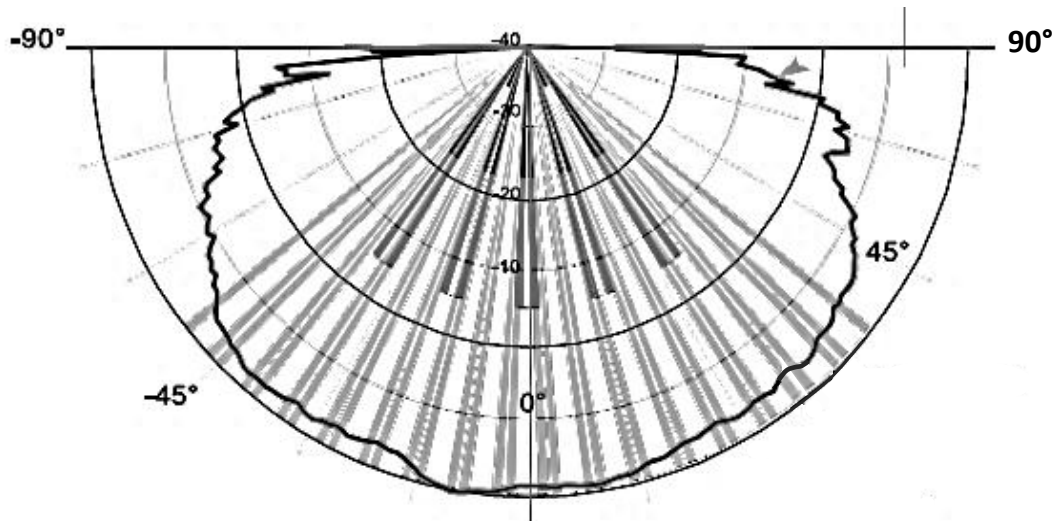
### ACCESSORIES



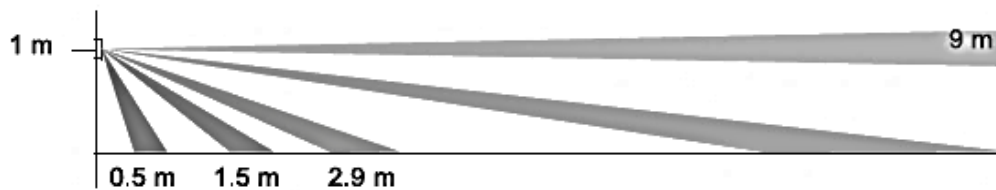
Articulated joint

## DETECTION AREA MW AND IR

### TOP VIEW

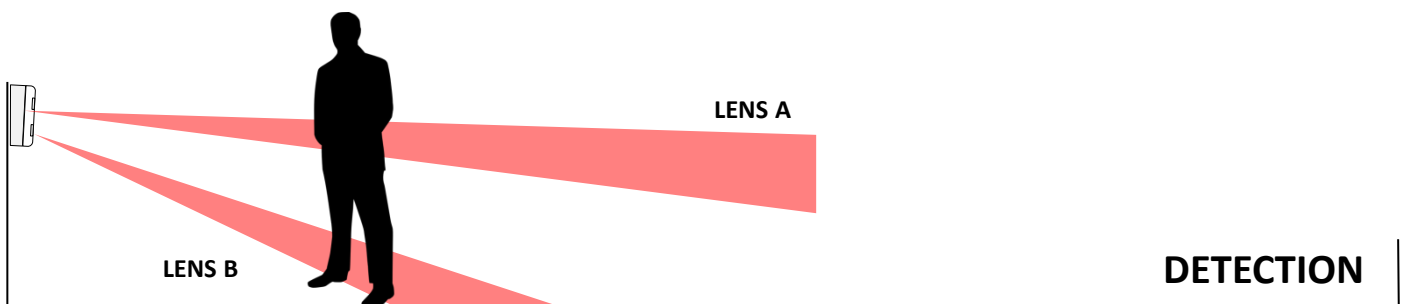
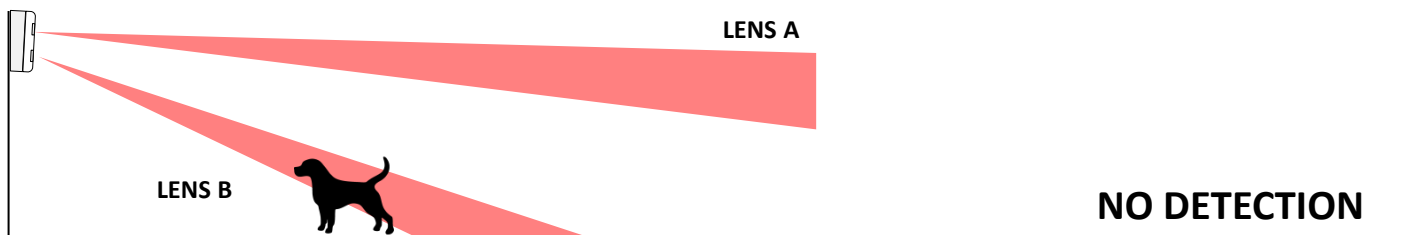


### SIDE VIEW



## PET IMMUNE MODE

PATROL has two lenses, the first one gives a view parallel to the ground (lens A) while the other (lens B) one is tilted downwards. In the «Pet Immune» mode the movement of an animal passing below the lens B is not detected. To enable the «Pet Immune» mode set the sensor in AND (see the manual).



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