

IRA12 DETECTOR

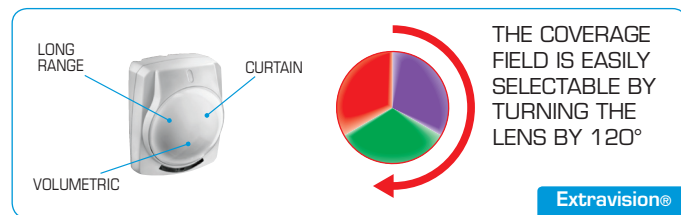
cod. IR4B00211



Passive infrared detector IRA12 is equipped with three-function Extravision® hemispherical Fresnel lens.

EXTRAVISION® THREE-FUNCTIONAL HEMISPHERICAL LENS (Elkron patent)

High-density lens with selectable coverage fields (volumetric, long-range, curtain) where the uniform sensitivity optics allow detection capacities regardless of the intruder's distance or position inside the coverage field.



PROTECTED P.I.R.

The PIR sensitive element is completely protected against disturbances due to insects and/or air draughts which might generate false alarms.

HALOGEN LIGHT PROTECTION

The lens colouring prevents false alarms should the sensitive element be hit by white light rays.

ALARM MEMORY

In case of detection (when the system is on), the detector led comes on with steady light to indicate the alarm memory.



SPA10 BRACKET (Elkron Patent)

- wall or ceiling fastening
- cables passing inside
- removal protection (optional)



STAND-BY "S" CONTROL

Through this input the detector is informed on the system state (on or off). Therefore, it is possible to program the detector so that this information can control the alarm relay and LED activation/deactivation.

ALARM RELAY INHIBITION

Possibility of programming the alarm output so that it is inhibited when the detector is in "stand-by" mode.

TEMPERATURE AUTOMATIC ADJUSTMENT

The detector is fitted with an automatic temperature adjustment system which adapts the detection sensitivity to the different environmental conditions.

WALK TEST

The detector operation is signalled by the LED coming on (it can be cut off)

Technical Characteristics

Supply nominal voltage:	12 Vcc
Min - max operation voltage:	9 - 15 Vcc
Absorption 12V— :	11 mA nom. ; 17 mA max.
Pulse counter:	X1/X2
Range:	12 m nominal (wide angle lens) 12 m nominal (curtain lens) 20 m nominal (long range lens)
IR coverage:	90° (wide angle lens) 6° (curtain lens) 6° (long range lens)
Sensible zones:	23 on 5 planes + 2 creep - zone (wide angle lens) 1 on 1 plane + 1 creep - zone (curtain lens) 7 on 5 planes + 1 creep - zone (long range lens)
Alarm relay :	solid state relay - NC 0.1A@24V— / R max = 35 ohm
Anti-tamper device:	50 mA @ 24 Vcc
Operating temperature:	-10 °C / +55 °C (declared by the manufacturer) +5°C ÷ +40°C (certified according to CEI 79.2)
Dimensions (H x L x D) :	85 x 70 x 50 mm
Weight :	80 g

OPTIONAL ACCESSORIES

- SPA 10 bracket code SP7500111
- Tamper for SPA10 code KT7800111

www.elkron.com - e-mail: info@elkron.it

