

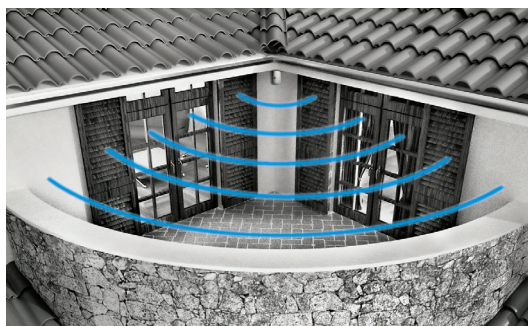
IMA 20EX DETECTOR

cod. IM3300113



OUTDOOR DETECTOR WITH TRIPLE TECHNOLOGY, DUAL PASSIVE INFRARED, DOUBLE LOBO MICROWAVE.

In front of the house, on the balcony, on the terrace, everywhere there is a small space to be kept under control, an external detector may be required, like the brand new Elkron model IMA20EX. Its range is 10 metres and it is based on a triple technology: dual passive infrared and double microwave. This technology combination allows an accurate analysis of the alarm signal, thus ensuring a high reliability in distinguishing false alarms



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

High capacity to distinguish false alarms

- The digital processing of the detected signals makes it possible to distinguish the signals caused by movements from those generated by environmental disturbances. (MRD system – Motion Rate Detect).
- The capacity to analyse a body interfering in the area covered by the microwave section allows the distinction between the movement of a person and other movements (e.g. leaves carried by the wind).

Pet Immunity

The detector digital processing can distinguish between the signals generated by a person and those generated by animals up to 35 kg.

White light protection

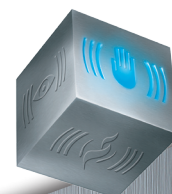
A particular optical filter applied on the infrared section protects the detector against sources of white light which might hit it (e.g. vehicle halogen lights).

“Night” function

The detector can be programmed in order to generate alarm only when there is no sunlight, this way it can be used as “courtesy light”.

Technical Characteristics

Supply nominal voltage:	12V—
Min - max operation voltage:	9 ÷ 15V—
Absorption 12V— :	9mA nom.
Technology:	double-channel microwave and mirror passive infrared
Detection range:	10m
Microwave sensitivity:	adjustable with trimmer
Frequency:	10.525 GHz
Infrared sensitivity:	adjustable in 2 steps
Infrared sensitive areas:	seven curtain beams
Temperature adjustment:	present (digital adjustment)
Alarm duration:	3 seconds
Alarm output :	NC in idle posit. max 35V— / 150 mA
Anti-tamper device:	NC max. 24V— / 500 mA
Pet immunity:	up to 35 Kg
Operating temperature:	25°C +55°C
Humidity:	5 ~ 95%
Case protection level:	IP43
Dimensions (l x h x p)	152 x 75 x 55 mm
Joint provided	



ELKRON
THE HI-PROTECTION COMPANY