



## INFRATRONIC

## Passive Infrared Detector



APPLICATION FIELDS: ☒ Industrial ☒ Governmental ☒ Residential

- Outdoor range: 150 mt
- Built-in view finder for fast and easy alignment
- Detection algorithm eliminates slow temperature changes
- Unaffected by wind, rain and snow

MADE IN ITALY

Sicurit Alarmitalia Spa is a company certified



## INFRATRONIC - Long Range PIR

Long-range Passive Infrared Detector (PIR) has been developed for detection of intruders up to 150 meters. Can be used when the installation of traditional active infrared beams is difficult or impossible. Moreover the area protected cannot be identified by an intruder due to the passive operation of the unit.



## Operation

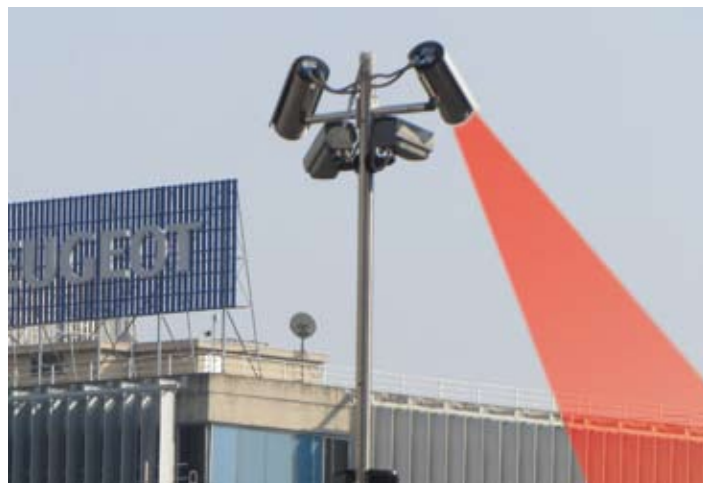
Infratronic is a passive device designed to detect any intruder by his movement due to the infrared contrast against the background. Two curtains sensing areas provide the alarm only when they detect infrared radiation emitted by a human body entering in the first curtain and leaving the second one. The detection algorithm eliminates slow temperature changes and avoid nuisance alarm caused by small animals, flying birds and moving vegetation. Since Infratronic only reacts to infrared radiation, they can be used during day&night as well as under changing climatic conditions such as fog, rain and snow. For the installation, a robust IP65 weatherproof aluminium housing is supplied with his bracket.

## Applications

Usefull for the protection of large buildings and long walls as well as combined with CCTV systems and Video Motion Detectors (VMD).



PRODUCT CODE ▶	IFR150XT
RANGE	150 mt
SENSOR TYPE	Differential Pyroelectric array
HORIZONTAL FIELD OF VIEW	1,2°
VERTICAL FIELD OF VIEW	1,8°
SPEED OF DETECTION	0,5 ~ 7 m/sec.
OUTPUT TYPE	N.C. relay / NPN open collector
MAXIMUM VOLTAGE RELAY	30V
MAXIMUM CURRENT RELAY	500mA
OTHER ALARMS INDICATIONS	Internal LED
SUPPLY VOLTAGE	12VDC
OPERATING TEMPERATURE	-25°C to +55°C
TEMPERATURE COMPENSATION CIRCUIT	YES
SEALING	IP65
WEIGHT	2,2 Kg.
CABLE FEED THROUGH	1 x PG7 IP68
DIMENSIONS	400x165x105 mm.
MOUNTING	Bracket for wall or pole (included)
DIMENSION OF THE POLE	Ø 80 mm.



*Ideal for remote gate protection*

