

# IDS-9200

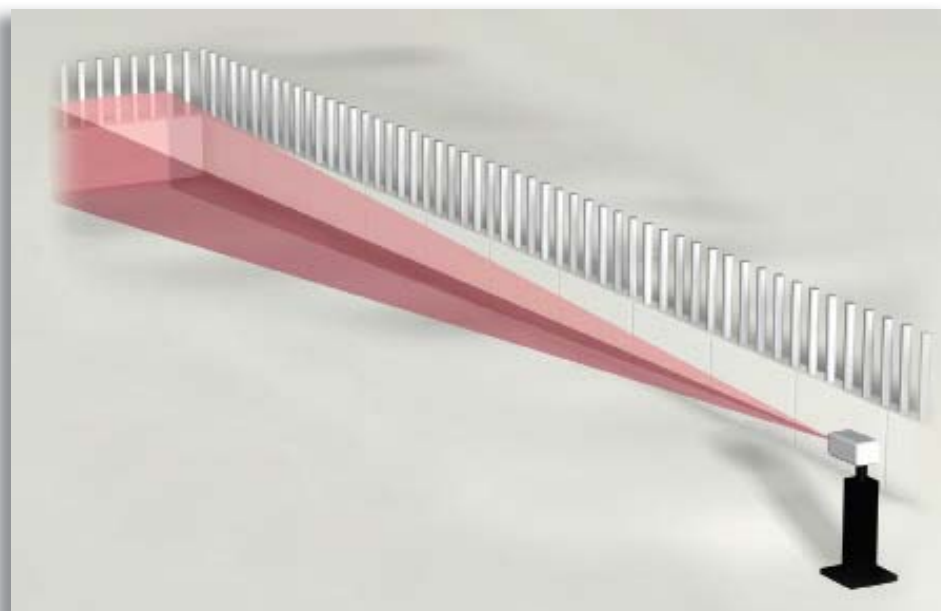
## PHOTONS



### **INFRATRONIC – Advanced Passive Infrared for Outdoor Detector**

The Infratronic is a rugged, outdoor, long-range passive infrared detector, designed to provide reliable intruder detection at distances of up to 150 meters. Detection of human body movements is achieved by monitoring changes of far infrared levels in the sensor's field of view.

The Infratronic detector ensures accurate detection in low visibility and extreme weather conditions. The detection algorithm compensates for slow temperature changes as well as other sources of false alarms such as bird flight crossing sensor path. The Infratronic is simple to install and maintain and used from a pillar-mounted position.





RANGE	150 meters
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 RANGE	-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.

