



THE BEST SOLUTIONS FOR OUTDOOR PERIMETER PROTECTIONS

More than 30 Years of experience in the field, this is the strength that allows SICURIT® to be known as one of the most reliable and technologically advanced companies in the security market, providing state of the art outdoor perimeter solutions for any situation.

The versatility of our product line, the know-how and the experience of our engineers places SICURIT® in a constantly growing market niche that requires the highest standards of quality and world-class manufacturing infrastructure.

Our detailed attention to manufacturing, from the choice of raw material up to the exhaustive tests carried out by our specialists, and the maximum availability of our personnel pre and post sale have achieved the trust of major players in the security market, from the U.S.A. to Australia, crossing all Europe and parts of Asia.

SICURIT® is a trusted supplier to many high sensitive areas, with products deployed for the protection of civilian, industrial and military, with installations in areas such as airports, government compounds, financial institutions, electrical and nuclear facilities, military sites and correctional facilities.

SINCERT



SICURIT Alarmitalia Spa has achieved ISO9001:2000 certification, globally recognized quality standards that ensure the highest quality level of products and services within our organization, letting us grant to our customers the utmost reliability in partnering with us.

SICURIT ALARMITALIA SPA – YOUR PRIMARY PROTECTION



PRODUCT HIGHLIGHTS

• VOLUMETRIC MICROWAVE + IR BEAM SENSORS:

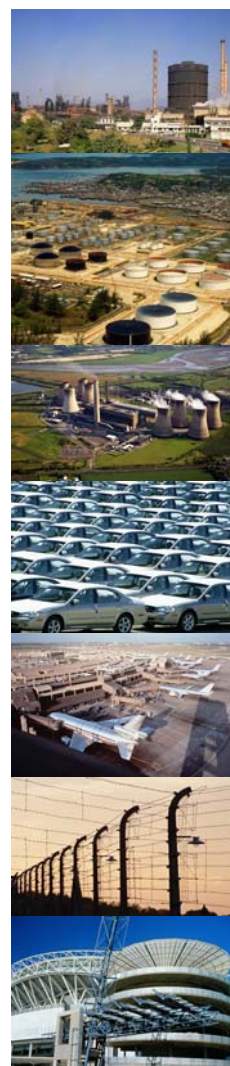
- **ABSOLUTE DUAL TECHNOLOGY BARRIER (IR + MW)**

• VOLUMETRIC MICROWAVE SENSORS:

- **ANALOGIC LONG-RANGE MICROWAVES**

• OUTDOOR INFRARED SENSORS:

- **LONG-RANGE PASSIVE INFRARED DETECTOR (PIR)**
- **LONG-RANGE COMPACT IR BEAMS DETECTOR**
- **MIDI BI-DIRECTIONAL IR BARRIERS**
- **MINI IR BARRIERS**



Dual Technology Barrier MW+IR

Features:

- ***Very low false alarm rate***
- ***Suitable for every environment***
- ***No disqualification***
- ***Modular system***
- ***Custom configurations***



What does it is?

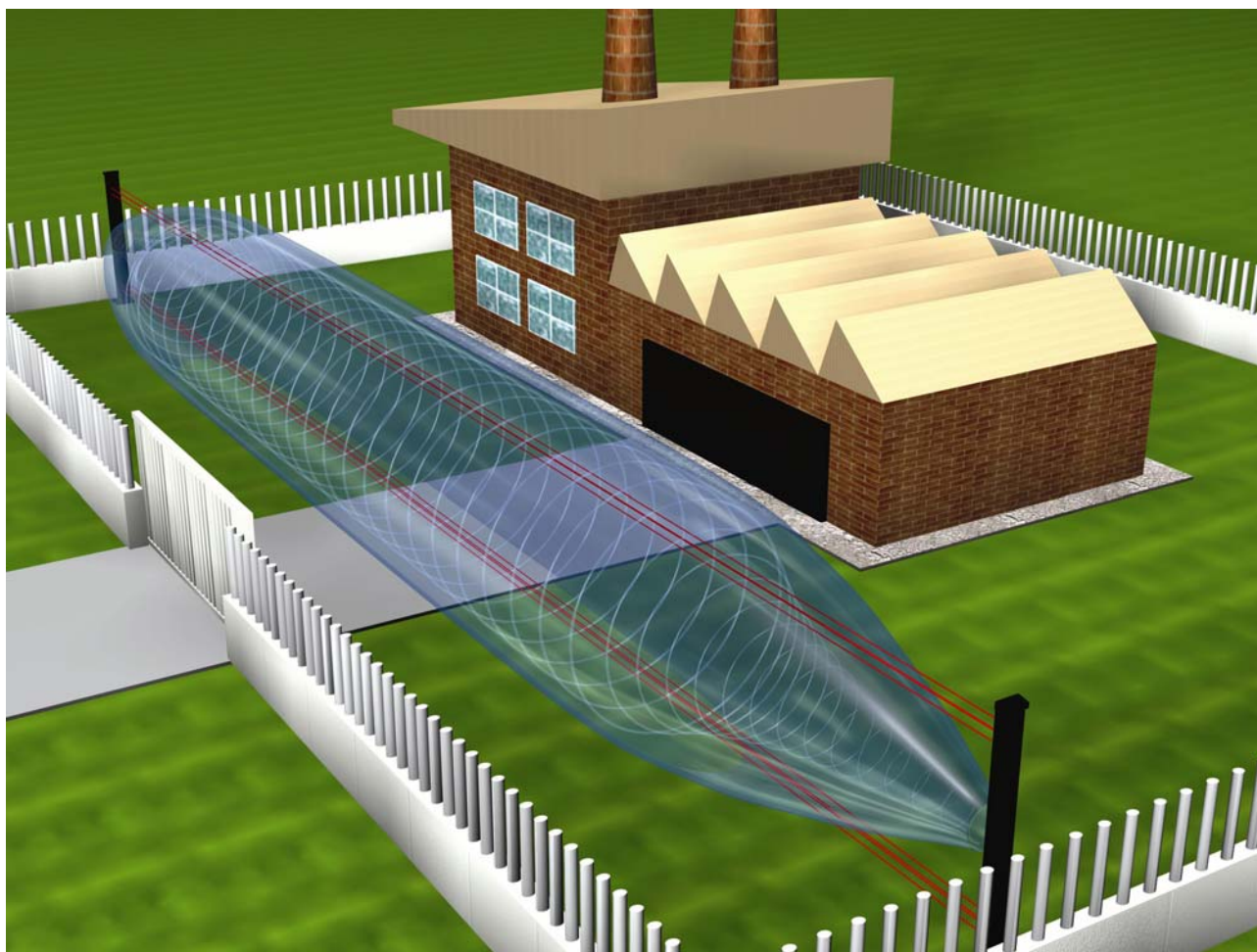
The ABSOLUTE Dual Technology IR/MW Outdoor Intrusion Detection System is a high security dual-technology detection system designed for outdoor installation, enclosed extruded aluminium columns.

The system provides maximum reliability and accuracy in detecting intruders with minimum false alarm activity. The ABSOLUTE columns can be fitted with optional video cameras for immediate visual verification and alarm assessment.

With its neat, unobtrusive design, expandability, and seamless integration into existing intrusion detection and perimeter detection systems, the Absolute is the ideal solution for upgrading and enhancing existing security systems, and is the system of choice for new facilities.

THE BEST SOLUTIONS FOR OUTDOOR PERIMETER PROTECTIONS

Ideal applications for the ABSOLUTE Dual Technology IR/MW Intrusion Detection System include the protection of industrial, commercial, correctional, or sensitive business and land areas, in which a high degree of perimeter security is required. This completely new combination of outdoor detection allows perimeter protection with coverage of up to 150m between ABSOLUTE columns. Microwave technology, combined with infrared sensors, considerably reduces the possibility of false and nuisance alarms while maintaining high security standards. Doppler radar is used to supplement detection fields where overlap is not possible. Different Heights are available (from 2.00 up to 6.00 meter) with different customizable configuration (up to 2 Microwave and 6 Infrared Beams).



**THE BEST SOLUTIONS
FOR OUTDOOR
PERIMETER PROTECTIONS**

ABSOLUTE RANGE

IME250 series – Range 150 mt



ABSOLUTE IME250 series is SICURIT's longest range unit that allows protection up to 150 meter, available in different heights, from 2.00 up to 6.00meters.

The ABSOLUTE is a modular system, therefore starting from its standard configuration that provides 1 Microwave and 2 IR beams, and can be customized with many extra components to increase the security degree of the system:

- ***Additional IR beams (up to 6)***
- ***Anti-crawling / Anti-climbing Devices***
- ***Built-in Power supply***
- ***Normal and Reinforced basements***
- ***CCTV cameras***

IME050/080 series – Range 50 and 80 mt



ABSOLUTE IME050 and IME080 series are our medium range unit that allows protection of 50 and 80 meter, available in different heights, from 2.00 up to 4.00meters.

The ABSOLUTE is a modular system, starting from its standard configuration that provides 1 Microwave and 2 IR beams, and can be customized with extra components to increase the security degree of the system:

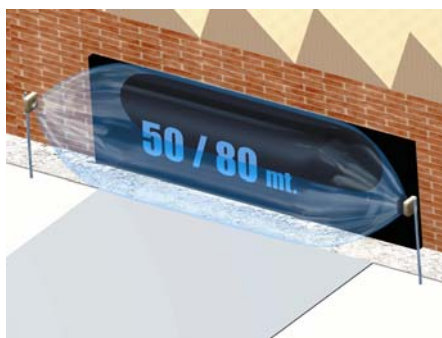
- ***Additional IR beams (up to 6)***
- ***Anti-crawling / Anti-climbing Devices***
- ***Built-in Power supply***
- ***Normal and Reinforced basements***
- ***CCTV cameras***

MES

Security Degree 3

Microwave Intrusion Detection Systems

- **MES250**
- **MES050**
- **MES080**



The MES series is a volumetric microwave barrier for external protection, particularly useful for residential and industrial applications. It is ideal for the protection of long corridors, balconies, gates, walls and medium length perimeters

The MES series consists of two parts, one transmitter and one receiver which, when mounted facing each other at different distances, create a volumetric detection field able to detect intrusion attempts. .

MES series is available in different ranges:

- MES250** – outdoor range – 180 meter
- MES080** – outdoor range – 80 meter
- MES050** – outdoor range – 50 meter



MES250

BSBE /BSBL

Security Degree 3

3 Beams "Compact" Digital Infrared Detector

- **BSBE050**
- **BSBE100**
- **BSBE150**
- **BSBE200**



This new series of "compact" IR Beams is suitable for single beam installations as well as multi-beams configurations (lodged in columns) due to the 4 digital frequencies.

This series is resistant to strong light (up to 50,000Lux) with built-in automatic adjustment strong light filtering system, to avoid being affected by strong sunshine or car lights.

The beams are fully protected by integrated structural design, which allow to operate normally in severe weather conditions.

BSBE is available in different ranges:

BSBE050 – outdoor range – 50 meter

BSBE100 – outdoor range – 100 meter

BSBE150 – outdoor range – 150 meter

BSBE200 – outdoor range – 200 meter



Columns BEC serie:

BSN series

Security Degree 3

Outdoor Midi Beam Fence Barrier

- **BSN150HS**
- **BSN200HS**
- **BSN250HS**
- **BSN300HS**



Thanks to its long range, BSN series is the right choice for wall installations, and protection of entire walls or windows. BSN is a Midi codified and synchronised Infrared Beam Barrier made up of two microprocessor logic circuits mounted with the SMD technique, able to manage up to 8 pairs of optical circuits. The optics are multiplexed and the alarm sounds when 2 optics are obscured (AND function). Transmitters and Receivers are crossover mounted on both pillars, allowing at least one beam to work when the other is obscured by sunlight.

BSN series is available in different heights:

- BSN150HS – Range 30 meter/2 IR Beams – Pillar Height 150cm**
- BSN200HS – Range 30 meter/2 IR Beams– Pillar Height 200cm**
- BSN250HS – Range 30 meter/2 IR Beams – Pillar Height 250cm**
- BSN300HS – Range 30 meter/2 IR Beams – Pillar Height 300cm**

BSN050HS – Additional Beam (Tx+Rx)

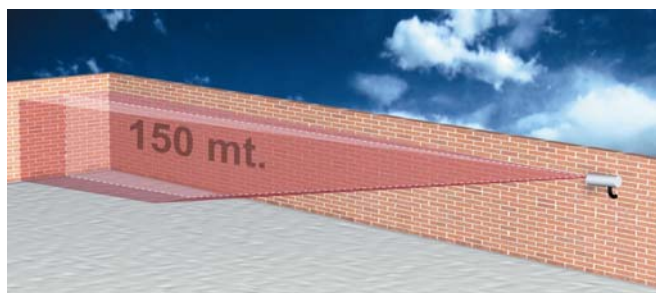
Every BSN barrier can be supplied with up to 8 beams.

INFRATRONIC

Security Degree 2

Outdoor Passive Infrared Detector

- **IFR150XT**



INFRATRONIC is a stand-alone Passive Infrared Detector (PIR) specially developed for outdoor perimeter protections to detect human body movements.

Two sensing curtain areas will detect movements of human bodies up to 150 meters in good weather conditions, creating a field of detection of 2.8mt x 1.8mt at 150 meters. The two sensing curtain areas provide alarm when they detect infrared radiation emitted by a human body entering the first curtain and leaving the second curtain. The detection algorithm eliminates slow temperature changes and avoids nuisance alarms caused by small animals, flying birds and moving vegetation.

The passive operation reduces the costs of installation and makes it easy to mount to a wall or pole when using the supplied bracket.

IFR150XT – Range 150 meter

THE BEST SOLUTIONS FOR OUTDOOR PERIMETER PROTECTIONS

The Technologies

Which Technology is more suitable for your Project?

Technology	Advantage	Disadvantage
 <p>ABSOLUTE barriers consist of transmitter that generate an electromagnetic field and of a receiver that analyse modification or alteration of the electromagnetic field. The IR beams will confirm the detection and generate the Alarm</p>	<ul style="list-style-type: none"> - High Performance sensing - Not affected by fog - Range 150 meter - Modular systems provide great flexibility for the desired security degree - Excellent reliability - Double Technology - Relatively easy installation - SECURITY DEGREE 4 	<p>The protected area must have a levelled ground and must be clean from obstacles</p>
 <p>Microwave barriers consist of transmitter that generate an electromagnetic field and of a receiver that analyses modification or alteration of the electromagnetic field.</p>	<ul style="list-style-type: none"> - Large detection zone up to 6m in width and height - Not affected by fog - Range up to 180 meter - Relatively easy installation 	<p>The protected area must be clean from obstacles Can be disrupted by intense electromagnetic rays and fluorescence lightning</p>
 <p>Active IR Beam barriers consist of transmitters that generate infrared light beams and receivers that detect interruptions of the beams</p>	<ul style="list-style-type: none"> - Range up to 200 meter - Modular systems provide great flexibility for the desired security degree - Relatively easy installation 	<p>The protected area must have a levelled ground and must be clean from obstacles Range decrease with fog and harsh weather In outdoor installation increase of false alarm rate</p>
 <p>Passive Infrared Detector (PIR) provide the alarm when it detects Infrared radiation emitted by a human body</p>	<ul style="list-style-type: none"> - Range 150 meter - Inexpensive and easy installation - Suitable for the protection of discrete zones with medium security degree - Not affected by fog - Could be integrated to a CCTV system as an activator 	<p>Range limited to 100 meter with fog Requires a boundary wall at the end of the covered area</p>



**THE BEST SOLUTIONS
FOR OUTDOOR
PERIMETER PROTECTIONS**

Italy (Headquarter)

SICURIT ALARMITALIA Spa

Via Gadames 91

20151 Milano

Tel: +39 2 380701

Fax: +39 2 3088067

Website: www.sicurit.it

E-mail: export@sicurit.it

Czech Republic (Subsidiary)

SICURIT CS

Vídeňská 90

639 00 Brno

Tel: 543 429 011

Fax: 543 429 010

GSM: 603 147 652

Website: www.sicurit.cz

E-mail: obchod@sicurit.cz

U.S.A. (Exclusive Distributor)

SAFEGUARDS TECHNOLOGY

75 Atlantic street

NJ 07601 Hackensack

Tel: 201 488 1022

Fax: 201 488 1244

Website: www.safeguards.com

E-mail: marketing@safeguards.com

