MOSKITO - Outdoor detector

ip54

vandal resistant
ik10

-40°C +70°C

GARANTIE
2 ANS YEARS
GUARANTEE
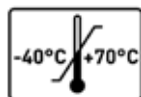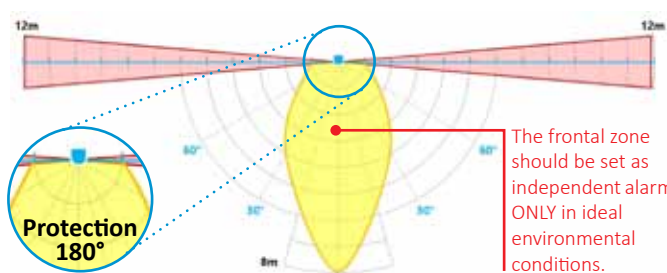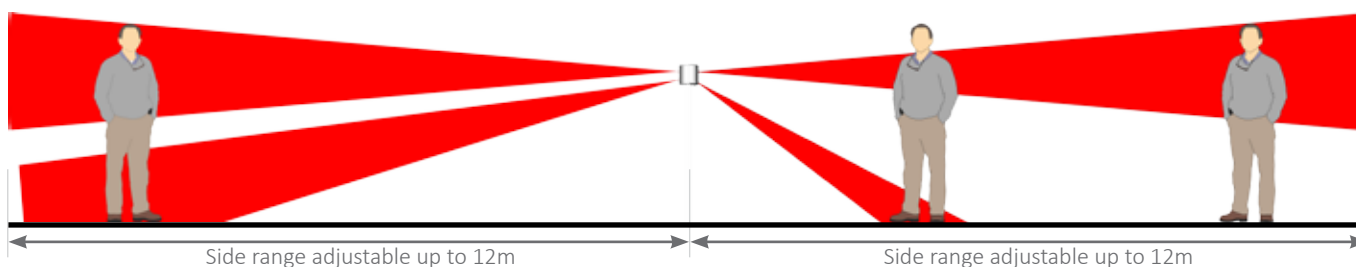
CE

- 6 infrared pir heads in a unique detector
- Independent rotation on three sides
- Curtain protection on perimeter wall (max 12m*10° each side)
- Frontal volumetric protection (max 8m*180°)
- Mounting high from 100cm to 140cm
- New Antimasking Feature
- Independent Walk Test for each side with led and buzzer
- Independent alarm outputs for the three sides
- Logic selection of alarm occurring (independent sides or anti-avoidance combination)
- Protection in outdoor IP54
- Temperature from -40°C up to +70°C
- Anti-vandal level IK10
- Versatility and reliability excellence
- Complete wireless supervision

MOSKITO
Outdoor detector with infrared triple barrier

MOSKITO is a unique outdoor detector: it integrates in the inside 6 passive infrared pir heads to protect 3 sides completely independent from each other.

Just one detector to protect right side, left side and frontal side. Detection for each side is provided by the combination of two IR pir heads with AND logic.

On left and right side two curtain detection areas are created with an opening of 10° and range up to 12 meters each, usefull for the protection of doors and windows of the building. Lateral zones are independently adjustable, by geometry (lower pir head orientable vertically), and by sensitivity (trimmer).

On frontal side, instead, a volumetric detection area with 180° opening and range up to 8m, usefull to detect the approaching to the sensor, with sensitivity adjustment (trimmer).

Three detection sides can generate each one an independent zone alarm towards the control panel, but they can be combined together with Anti-elusion function, that, once detected a movement on frontal side, requires only one lateral pir head to generate alarm.

Provided with active antimasking control, antiopening/antiremoval tamper and a protection visor, the detector allows all functioning parameters setting by a practical series of dip-switch.

TEST function independent for each side with led and acoustic buzzer for a simple and quick installation.

It can be mounted at a height between 100 and 140cm and it has an impact resistence at maximum level (IK-10).

Adjustment of parameters to outdoor temperature.

Three different versions available: wireless, wired and universal to connect to other wireless systems.

Protection 180°

The frontal zone should be set as independent alarm ONLY in ideal environmental conditions.

Total detection area (top view)

Side range adjustable up to 12m   Side range adjustable up to 12m

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MOSKITO - Outdoor detector

new

NUOVA VERSION
WITH ANTIMASK E
NEW MECHANICS

Version	MOSKITO-AMR Wireless version	MOSKITO-AMK Universal version	MOSKITO-AMF Wired version
Detection technology	6 passive infrared in pairs on three sides		
Power supply	6V- 2 batteries 3V type CR123A mod. 0BT0001 (included)		12Vdc
Consumption	< 30 µA standby < 20 mA alarm	< 30 µA standby < 6 mA alarm	< 12 mA standby < 14 mA alarm
Autonomy (**)	about 2 years with 10 alarms/day + supervision	about 3 years with 20 alarms/day	--
Wireless frequency	TX 433,92 MHz (100 m in open field)	--	--
Detection range	lateral detection: max. 12m for each side- opening 10° frontal detection: max. 8m- opening 180°		
Wireless signalling	Right side alarm, left side alarm, frontal side alarm, right elusion, left elusion, masking, tamper, low battery, supervision	--	--
Wired outputs	--	Right side alarm, left side alarm, frontal side alarm, masking, tamper, low battery. Optomos NC outputs to connect to generic wireless transmitter located in the bottom of the sensor (max dimensions about 100x45x35mm).	Right side alarm (optomos NC) Left side alarm (optomos NC) Frontal side alarm (optomos NC) Masking (optomos NC) Tamper (contact NC)
Protection level	waterproof level IP54 | anti-vandal level IK10		
Dimensions	190mm (A) x 85mm (L) x 75mm (P)	190mm (A) x 85mm (L) x 113mm (P)	190mm (A) x 85mm (L) x 75mm (P)

Code	Description
KIT-DIST	Wall fixing kit to space of 35mm Moskito detector from the wall. Compatible with mod. MOSKITO-F and MOSKITO-R.

new

ANTI-REMOVAL WITH DOUBLE ACCELEROMETER

new

IR BLACK LENS
more immunity to white light

new
NEW MECHANICS WITH 3 STEPS FOR LOWER PIR ORIENTATION

PRO LINE INTERNET FREE

new ANTIMASK FEATURE

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