

MOSKITO+

Triple PIR barrier outdoor sensor
programmable by smartphone

MOSKITO+

ONE PERIMETER PROTECTION DIVIDED INTO THREE



MOSKITO+ is a sensor that protects the perimeter of the building with an efficiency never seen before. The detection is ensured by the combination of six passive infrared heads, arranged on three sides, each with its own sensitivity adjustment. It can be mounted at a height of 1,0m / 1,4m.

Double side protection

A double IR barrier at the sides of the detector protects doors and windows for a length of 12+12meters. The detection zones can be adjusted completely independently, both for geometry (lower head vertically orientable) and for sensitivity (trimmer).

Frontal protection

Two additional IR heads ensure detection in front area of the sensor with 180° opening and range up to 5m (sensitivity adjusted by trimmer), avoiding possible bypass of the lateral protection.

Programmable alarm logic

The two detection sides can be combined with the front one by the Anti-bypass function: once detected a movement on the front, the detection of a single lateral head will trigger an alarm.

Active Antimasking

MOSKITO+ integrates an active infrared antimasking system that readily detects any attempts to mask the sensor.

Simple and Effective Walk-Test

The sensor allows the setting of all the operating parameters through a series of practical dip-switches. TEST mode independent for each side with led and acoustic buzzer.

Wireless BT Walk-Test and Programming

MOSKITO + allows to perform walk-test and programming completely independent for each side - walking on the detection field - through the APP VIEW SENSOR on mobile device in BT wireless connection (optional BT-LINK-S module)

Automatic temperature compensation

The sensor automatically adjusts the detection parameters to the outside temperature.

6 infrared heads in a single sensor



Double lateral curtain protection 12+12m



Frontal volumetric protection 5m



Active antimasking



Wireless BT walk test and programming independent for each side (App View Sensor)



Anti-bypass function



Independent alarms for the three sides



Automatic **temperature compensation**

Protective visor

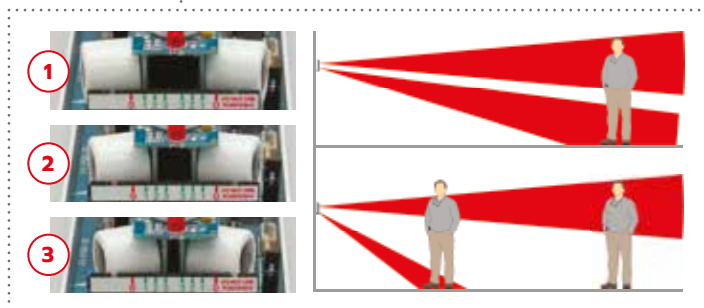
Housing for **wireless transmitter** (version K)

6 PIR heads with black Fresnel lens

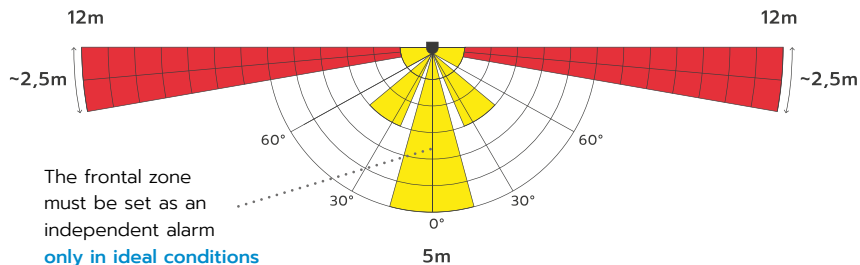
Active Antimask

Battery holder CR123A

Lower **lateral IR heads** adjustable with 3 positions mechanics



DETECTION AREA (TOP VIEW)



VIEW SENSOR

The most innovative system on the market for outdoor sensors installation

- ✓ Direct BT wireless connection to the sensor
- ✓ Digital Walk-test with real time visualization of each single head signal through the APP
- ✓ Complete configuration of the sensor through the APP, with more settings than manual programming
- ✓ Visualization of the events number stored in the sensor
- ✓ VIEW SENSOR App available for Android devices on Google Play

DOWNLOAD



WATCH THE VIDEO



Wireless Module BT-LINK-S2
(optional)

TECHNICAL DATA

	MOSKITO+R	MOSKITO+R-868	MOSKITO+F	MOSKITO+K
VERSION	Wireless 433	Wireless 868	Wired	Low consumption - wireless ready
DETECTION TECHNOLOGY	6 passive infrared arranged in pairs on three sides			
MOUNTING HEIGHT	from 100cm up to 140cm			
DETECTION AREA	lateral detection: up to 12m for each side - opening 10° / frontal detection: up to 5m - opening 180°			
ORIENTATION	Lower lateral IR heads adjustable with 3 positions mechanics			
SENSITIVITY ADJUSTMENT	Fully independent for each side from 30% (L) to 100% (H) (by trimmer) Jumper halving upper head sensitivity for each side			
MANUAL SETTINGS	(1) Independent for each side with LED and buzzer; (2) Complete for all sides with LED and buzze			
WIRELESS BT SETTINGS	Walk-test and programming with BT-LINK-S wireless module (optional) + App VIEW SENSOR for Android			
DIGITAL ANALYSIS	REDSENSE algoritm for digital validation of the infrared signal Automatic temperature compensation			
AUTOPROTECTION	(1) Active IR antimasking - (2) Mechanical antiopening - (3) Mechanical antiremoval			
POWER SUPPLY	2 lithium batteries 3V CR123A (not included) (autonomy 2 years)		12Vdc	2 lithium batteries 3V CR123A (not included) (autonomy 3 years)
RF FREQUENCY	433,92 MHz	869,65 MHz	-	-
SIGNALLING AND OUTPUTS	Right side alarm, Left side alarm, Frontal side alarm, Right bypass, Left bypass, Tamper, Masking, Low battery, Supervision (wireless)		Right side alarm, Left side alarm, Frontal side alarm, Tamper, Masking (NC optomos outputs)	Right side alarm, Left side alarm, Frontal side alarm, Tamper, Masking, Low battery (NC optomos outputs)
ACOUSTIC AND VISUAL SIGNALLING	1 red led for each head + 1 acoustic buzzer (only in walk-test) 1 blue led for alarm (can be disabled)			
PROTECTION LEVEL	Waterproof level IP54 / Impact shock resistance level IK10			Waterproof level IP54 (only main case) / Impact shock resistance level IK10
OPERATIVE TEMPERATURE	-40°F to +158°F (-40°C to +70°C) - 95% relative humidity			
DIMENSIONS	190 x 85 x 75 mm			190 x 85 x 113 mm (included space for wireless transmitter max dim. 100x45x35mm)

Headquarters

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Made in Italy

