Specifications

	VIPER-R VIPER-DTR	VIPER-R-868 VIPER-DTR-868	VIPER-F VIPER-DTF	VIPER-K VIPER-DTK
Version	Wireless 433	Wireless 868	Wired	Low consuption - Wireless ready
Detection technology	VIPER = 2 independent passive infrared (5 sectors Fresnel black lens) VIPER-DT = 1 passive infrared (13 sectors Fresnel black lens) + 1 planar 24GHz pulsed microwave BOTH = ACTIVE INFRARED ANTIMASKING			
Mounting height	from 140cm to 220cm			
Coverage	Range: up to 12m (40ft.) - Opening: VIPER =100°; VIPER-DT = 110°			
Heads orientation	Independent orientation of the heads both horizontally (+/-90°) and vertically (0°/-24°)			
Sensitivity adjustment	Completely independent for each head from 30% (L) up to 100% (H)			
Walk-test (manual)	EASYSTEP: Independent for each head with LED and buzzer; (2) Complete for both heads with LED and buzzer			
Walk-test (wireless BT)	Walk-test and Settings wireless BT by App VIEW SENSOR (and module BT-LINK-S optional)			
Digital Analysis	VIPER = REDSENSE algoritm for digital validation of the infrared signal VIPER-DT = DUALSENSE algoritm for digital validation of the combined infrared and microwave signal VIPER-DT = Discrimination between crossing and approaching movements BOTH = Automatic temperature compensation			
Power supply	2 lithium batteries 3V CR123A (life approx. 2 years)		12Vdc	2 lithium batteries 3V CR123A (life approx. 2 years)
Frequency	433,92 MHz	869,65 MHz	-	-
Signalling and outputs	Wireless transmissions: Alarm, Tamper, Masking, Low battery, Supervision		Alarm, Tamper, Masking (NC optomos outputs)	Alarm, Tamper, Masking, Low battery (NC optomos outputs)
Visual signalling	1 red led for each head + 1 Acoustic buzzer (only in walk-test) 1 blue led for alarm (can be disabled)			
Weatherproof level	IP54		IP54	IP54 (only main case)
Antivandal Level	IK10-rate (impact of a 5 kg weight dropped from 40cm height)			
Autoprotection	(1) Cover detached from unit; (2) Unit detached from wall; (3) Active IR antimasking			
Operative temperature	-40°F to +158°F (-40°C to +70°C) - 95% relative humidity			
Dimensions	190x85x75mm			190x85x113 mm (included housing for wireless transmitter dimension max. 155x45x35mm)

DUEVI
YOUR SECURITY. OUR TECHNOLOGY

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PIEGH-VIPER-21x21-V6-ENG



VIPER

THE ONLY DUAL HEAD OUTDOOR SENSOR
PROGRAMMABLE BY SMARTPHONE

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THE ONLY DUAL HEAD OUTDOOR SENSOR PROGRAMMABLE BY SMARTPHONE

100% MADE IN ITALY

VIPER is the new outdoor sensor that takes over the previous generation's winning properties, integrating the latest available technologies and improving detection performances.
The detection, with range up to 12m, is ensured by the combination of two completely independent movable heads, individually orientable both horizontally and vertically, each with its own sensitivity adjustment.
It can be mounted at a height between 1.40m and 2.20m and is available both with dual passive infrared and with dual technology in three different versions: wired, wireless and wireless ready to be connected to other wireless systems.

Digital Analysis Algorithm
The signal of each detection head is analyzed by a new digital algorithm, obtaining more accurate and reliable detection. Moreover, on the dual technology version, the DUALSENSE algorithm is able to discriminate crossing and approaching movements, allowing a full control of the sensor even in the most difficult environments.

Active Antimasking
VIPER integrates an active infrared anti-masking system that readily detects any attempts to mask the sensor.

BT wireless walk-test and programming
Walk-test for each single heads allows a simple but accurate calibration of detection area. The sensor also can be adjusted by the App VIEW SENSOR on mobile device in BT wireless connection (BT-LINK-S module optional), with the further advantage of viewing the real time detection activity during the field walk-test.

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

DUAL INFRARED

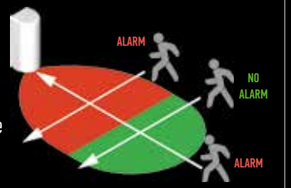


INTELLIGENT AND
Alarm is generated only when the upper head detects before the lower one, discriminating the direction of movement

DUAL TECHNOLOGY



CROSSING DISCRIMINATION
The dual technology version discriminates between crossing and approaching movements. The crossing detection can be inhibited in areas more subject to environmental disturbances (i.e. vehicles, vegetation movement)



Wireless Module BT-LINK-S (optional)





WIRELESS WALK-TEST AND PROGRAMMING
through APP on mobile device

SENSOR

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 is available for Android devices on Google Play

