



Mark up your outdoor security.

OUTDOOR DETECTION





TRIPLE-TECHNOLOGY outdoor
VOLUMETRIC sensor
12 meters detection range for 100 °
Installation height: 1.2 to 1.5 meters

Choose out of 3 connection types:
WIRED, AVS' or
UNIVERSAL WIRELESS
(see **STD series**)

Install **it also at 2.2 meters**
thanks to the **OPTIONAL LENS**

HIGHLY IMMUNE TO FALSE ALARMS,
by «**AVS DIGITAL FILTER**» and to the
light thanks to the specific protections
installed on the IR (**AVS LIGHT SCREEN**)

CONSUME LESS thanks to the
improved energy efficiency

DIGITAL ENVIRONMENTAL CONTROL
Corrects thermal variations thanks
to the digital technology and ensures
detection even in extreme conditions,
from -25 to + 55 °C.

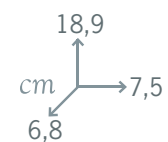
ADVANCED IMMUNITY to the
plants' movements for all DT wireless
and wired versions («**AVS PLANTS**
STOP» digital solution)

PET IMMUNE
Leave your pets
in the detection area

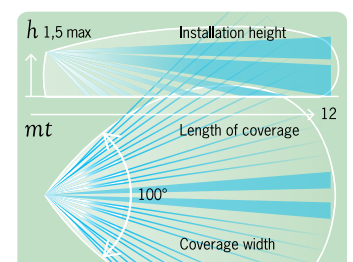
ANTIMASKING
Active IR will block antimasking
attempts

ACCELEROMETER Advanced
technology that stops any chance to
tamper or disorientate the sensor

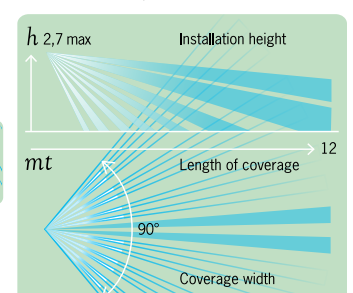
STRESS-FREE INSTALL
Set it up quickly also thanks to the
build-in End-of-line resistances



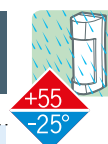
Spectrum DT - DT WS 4 - DT WS STD



SSL - Optional lens for installation
from 2.2 up to 2.7 m
(all SPECTRUM except WALL series)



		Triple technology Double IR + Microwave	Antimasking with active IR	AVS' wireless transmitter included	Designed for 3 RD part wireless transmitter wired
WIRED	SPECTRUM DT AM	•	•		
WIRELESS	SPECTRUM DT WS AM 4	•	•	•	
	SPECTRUM DT WS STD AM	•	•		•



OUTDOOR QUADRUPLE CURTAIN SENSOR

Choose out of 3 connection types:
**WIRED, AVS' or
UNIVERSAL WIRELESS**
(see **STD series**)

CURTAIN DOUBLE SIDE DETECTION
12 METERS ON BOTH SIDES

HIGHLY IMMUNE TO FALSE ALARMS,
by «**AVS DIGITAL FILTER**» and to the
light thanks to the specific protections
installed on the IR (**AVS LIGHT SCREEN**)

CONSUME LESS thanks to the
improved energy efficiency

DIGITAL ENVIRONMENTAL CONTROL

Corrects thermal variations thanks
to the digital technology and
ensures detection even in extreme
conditions, from -25 to + 55 °C.

PET IMMUNE

Leave your pets
in the detection area

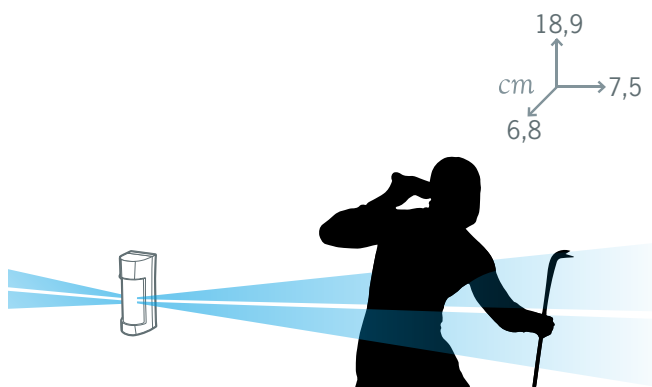
ANTIMASKING

Active IR will block antimasking
attempts (**only AM versions**)

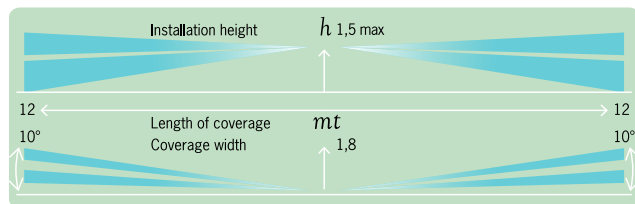
ACCELEROMETER, Advanced
technology that stops any chance to
tamper or disorientate the sensor

STRESS-FREE INSTALL

Set it up quickly also thanks to the
build-in End-of-line resistances



Spectrum PA WALL - PA WS WALL 4 - PA WS WALL STD



WIRED

SPECTRUM PA WALL

SPECTRUM PA WALL AM

WIRELESS

SPECTRUM PA WS WALL 4

SPECTRUM PA WS WALL AM 4

SPECTRUM PA WS WALL STD

SPECTRUM PA WS WALL STD AM

Double passive IR
on double side

Antimasking
with active IR

AVS' wireless
transmitter
included

Designed
for 3rd part wireless
transmitter wired

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WIRED

WIRELESS

TECHNICAL CHARACTERISTICS	SPECTRUM DT AM	SPECTRUM PA WALL SPECTRUM PA WALL AM	SPECTRUM DT WS AM 4 SPECTRUM DT WS AM STD	SPECTRUM PA WS WALL 4 SPECTRUM PA WS WALL AM 4 SPECTRUM PA WS WALL STD SPECTRUM PA WS WALL STD AM
Detection type	Double IR + Microwave	Double IR on both sides	Double IR + Microwave	Double IR on both sides
Coverage	from 3 to 12 meters	from 3 to 12 mt right side from 3 to 12 mt left side	from 3 to 12 meters	from 3 to 12 mt right side from 3 to 12 mt left side
Detection opening	Up to 100°	10°	Up to 100°	10°
Orientation	Flat on 180°	-	Flat on 180°	-
Installation high	1.2 mt 2.2 mt with SSL lens	1.2 mt	1.2 mt 2.2 mt with SSL lens	1.2 mt
Installing support	Included			
Pet immune	Yes			
Voltage feed	From 10,5 to 15 Vdc	From 10,5 to 15 Vdc	3.6 v 2.2Ah lithium battery	
Consumption at rest	21 mA	25 mA	15 µA	15 µA
Consumption in alarm	25 mA	31 mA	34 mA - 9 mA (STD)	34 mA - 9 mA (STD)
Dimensions: (P x L x H) mm	68.3 x 75.4 x 189.4			
Dimensions with cap: (P x L x H) mm	87.3 x 75.4 x 189.4			
Blocking input	Thanks to the dedicated *B* input, you can block the alarm output and the microwave operation when the system is OFF			
Auxiliary input	Negative input for alarm or tamper			
Alarm output	Normally closed relay (C/NC)		Mod. STD - Yes	
Antimasking output	Normally closed relay (C/NC)		Mod. STD - Yes	
Tamper output	Normally closed relay (C/NC)		Mod. STD - Yes	
Settable end-of-line resistance for: Alarm-Tamper-Antimasking	2.2 - 4.7 - 5.6 - 10 Kohm			
Radio frequency			FM 868 MHz Mod. STD - no emitter included	
Alarm radio signal			Yes	
Antimasking radio signal			Yes	
Tamper radio signal			Yes	
Low battery radio signal			Yes	
Supervision radio signal			Yes	
Walk test	Led and Buzzer			
Selectable address	-		32	
Light filter	Yes			
Digital Thermal Compensation	Yes			
Microwave frequency	10,525 GHz (+/-20MHz)	-	10,525 GHz (+/-20MHz)	-
Microwave emitted signal	Pulsed	-	Pulsed	-
Environmental conditions	from -25 °C to +55 °C			
IP protection grade	IP 55			
RF normative conformity	R&TTE - EN50131 - 1-2-4			

ACCESSOIRES

SSL	2.2 METER LENS
SSC	FRONT CAP
SSD	BOTTOM SPACER
STA	ANTIPULLING TAMPER
KB	BRACKET
KBT	BRACKET
KIT SP	COLLAR FOR POLE MOUNTING

Optional lens to install SPECTRUM (except WALL series) at 2.2 meters high

Front cap to increase the protection against rain

47 mm spacer, included by default for STD series

Optional antipulling tamper when accelerometer disable

Orientation bracket for SPECTRUM (except WALL series),

when installed at 2.2 meters with SSL lens

Same characteristics as KB, with tamper

Mounting collar to install SPECTRUM on a pole



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