



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.

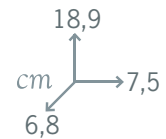
ADVANCED IMMUNITY to the
 plants' movements for all DT wireless
 and wired versions («**AVS PLANTS**
STOP» digital solution)

PET IMMUNE
 Leave your pets up to 70 cm high
 in the detection area

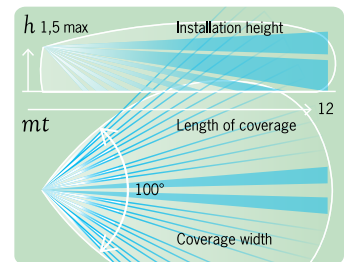
ANTIMASKING
 Active IR will block antimasking
 attempts

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

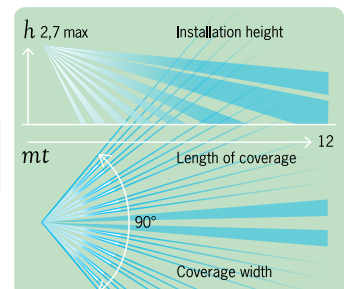
STRESS-FREE INSTALL
 Set it up quickly also thanks to the
 build-in End-of-line resistances



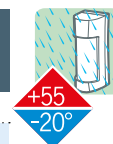
Spectrum DT - DT WS - DT WS STD



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	●	●		
	SPECTRUM DT WS AM	●	●	●	
WIRELESS	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



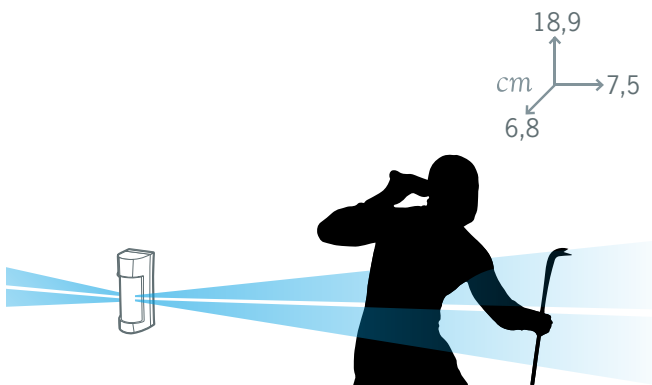
DIGITAL ENVIRONMENTAL CONTROL
 Corrects thermal variations thanks to the digital technology and ensures detection even in extreme conditions, from -25 to + 55 °C.

PET IMMUNE
 Leave your pets up to 70 cm high in the detection area

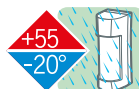
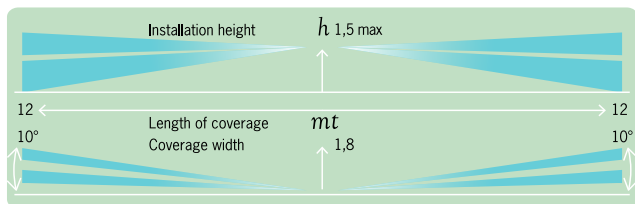
ANTIMASKING
 Active IR will block antimasking attempts (**only AM versions**)

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 - PA WS WALL STD



Double passive IR on double side

Antimasking with active IR

AVS' wireless transmitter included

Designed for 3rd part wireless transmitter wired

	SPECTRUM PA WALL			
WIRED	•			
	•	•		
	•		•	
WIRELESS	•	•	•	
	•			•
	•	•		•

AM Models: Antimascking version

STD Models: Designed for 3RD part wireless transmitter

D 154-1.1606 500

WIRED

WIRELESS

TECHNICAL CHARACTERISTICS	WIRED		WIRELESS	
	SPECTRUM DT AM	SPECTRUM PA WALL SPECTRUM PA WALL AM	SPECTRUM DT WS AM SPECTRUM DT WS AM STD	SPECTRUM PA WS WALL SPECTRUM PA WS WALL AM 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	Up to 70 cm			
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	23 µA	-
Consumption in alarm	25 mA	31 mA	34 mA	-
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
Antimascking 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-Antimascking	2.2 - 4.7 - 5.6 - 10 Kohm			
Radio frequency				FM 868 MHz Mod. STD - no emitter included
Alarm radio signal				Yes
Antimascking 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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