



**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.

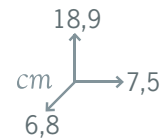
**ADVANCED IMMUNITY** to the  
 plants' movements for all DT wireless  
 and wired versions («**AVS PLANTS**  
**STOP**» digital solution)

**PET IMMUNE**  
 Leave your pets  
 in the detection area

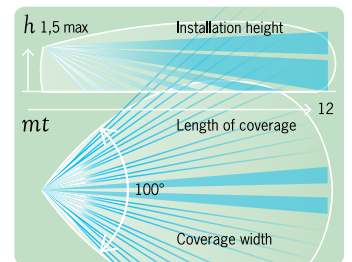
**ANTIMASKING**  
 Active IR will block antimasking  
 attempts

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

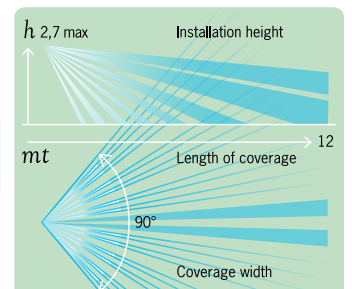
**STRESS-FREE INSTALL**  
 Set it up quickly also thanks to the  
 build-in End-of-line resistances



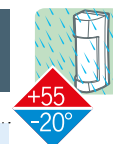
Spectrum DT - DT WS - DT WS STD



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 <sup>RD</sup> part wireless transmitter wired
<b>WIRED</b>	<b>SPECTRUM DT AM</b>	●	●		
<b>WIRELESS</b>	<b>SPECTRUM DT WS AM</b>	●	●	●	
	<b>SPECTRUM DT WS STD AM</b>	●	●		●





**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



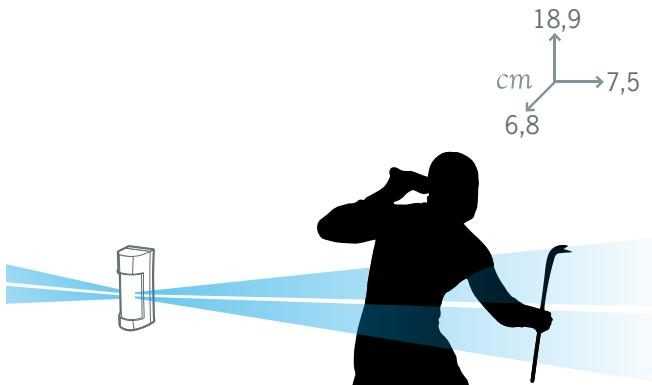
**DIGITAL ENVIRONMENTAL CONTROL**  
 Corrects thermal variations thanks to the digital technology and ensures detection even in extreme conditions, from -25 to + 55 °C.

**PET IMMUNE**  
 Leave your pets in the detection area

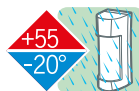
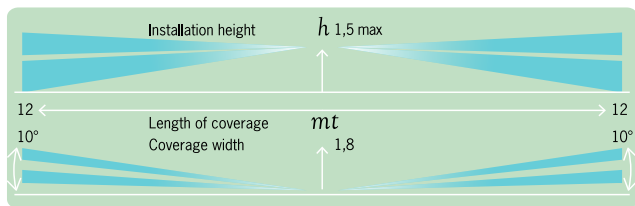
**ANTIMASKING**  
 Active IR will block antimasking attempts (**only AM versions**)

**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 - PA WS WALL STD



Double passive IR on double side	Antimasking with active IR	AVS' wireless transmitter included	Designed for 3 <sup>rd</sup> part wireless transmitter wired
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	<b>SPECTRUM PA WALL</b>			
<b>WIRED</b>	•			
	<b>SPECTRUM PA WALL AM</b>	•		
	<b>SPECTRUM PA WS WALL</b>	•	•	
	<b>SPECTRUM PA WS WALL AM</b>	•	•	
<b>WIRELESS</b>	<b>SPECTRUM PA WS WALL STD</b>	•		•
	<b>SPECTRUM PA WS WALL STD AM</b>	•	•	•

**AM Models:** Antimascking version

**STD Models:** Designed for 3<sup>RD</sup> 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	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	
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



**AVS ELECTRONICS S.p.A.**  
 Via Valsugana, 63, 35010, Curtarolo, (Padova), Italy  
 Tel. +39 049 9698 411 - Fax +39 049 9698 407  
**avs@avselectronics.it - www.avselectronics.com**

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