





TRIPLE-TECHNOLOGY outdoor

VOLUMETRIC sensor

12 meters detection range for 100 $^{\circ}$ 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

18,9

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



RUS

Spectrum DT - DT WS 4 - DT WS STD			
h 1,5 max	Installation height		
mt	Length of coverage		

Coverage width

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

h 2,7 max	Installation height
	12
mt	Length of coverage
	90° Coverage width

		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	•	•		•
WIDELESS	SPECTRUM DT WS AM 4	•	•	•	
WIRELESS	SPECTRUM DT WS STD AM	•	•		•





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 $^{\circ}\text{C}.$

PET IMMUNE

Leave your pets in the detection area

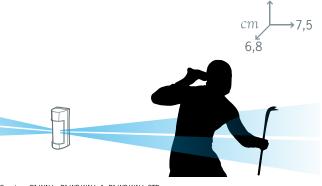
ANTIMASKING

Active IR will block antimasking attempts (only AM versions)

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

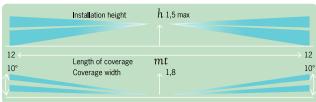
STRESS-FREE INSTALL

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



18,9

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



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The best solution for the outdoor protection



	-25°	on double side	with active IR	transmitter included	transmitter wired
WIRED	SPECTRUM PA WALL	•			
	SPECTRUM PA WALL AM	•	•		
	SPECTRUM PA WS WALL 4	•		•	
WIRELESS	SPECTRUM PA WS WALL AM 4	•	•	•	
	SPECTRUM PA WS WALL STD	•			•
	SPECTRUM PA WS WALL STD AM	•	•		•

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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		Inclu	uded		
Pet immune		Ye	es		
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 μΑ	
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	75.4 x 189.4		
Dimensions with cap:	87.3 x 75.4 x 189.4				
(P x L x H) mm			.4 % 100.4		
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		r alarm or tamper			
Alarm output		ed relay (C/NC)	Mod. S	STD - Yes	
Antimasking output	Normally closed relay (C/NC) Mod. STD - Y		STD - Yes		
Tamper output		ed 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 emetter 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			
RF normative conformity	R&TTE - EN50131 - 1-2-4				
	i				

ACCESSOIRES

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

SSC FRONT CAP Front cap to increase the protection against rain SSD **BOTTOM SPACER** 47 mm spacer, included by default for STD series STA **ANTIPULLING TAMPER** Optional antipulling tamper when accelerometer disable KB **BRACKET** Orientation bracket for SPECTRUM (except WALL series),

AM Models: Antimascking version

when installed at 2.2 meters with SSL lens

KBT BRACKET Same characteristics as KB, with tamper KIT SP COLLAR FOR POLE MOUNTING Mounting collar to install SPECTRUM on a pole





STD Models: Designed for 3RD part wireless transmitter



















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