

# NAT WS



## The wireless sensor with microwave active 24h/24h

It is the new, outdoor Politec sensor representing a real technological revolution in the field of passive perimeter security. The dual technology detector with curtain effect for outdoors with microwave active 24 hours a day, the only product of its kind on the international market. This latest generation sensor is compatible with any system via radio on the market because it can host all TX radio models on the market, making it a universal wireless sensor, and also the battery with a three-year autonomy.

### Accessories



"L" SHAPED BRACKET  
for wall mounting



ADJUSTABLE  
JOINT



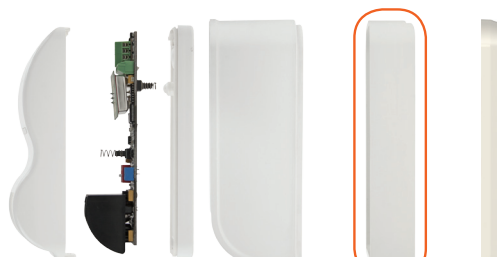
WS 200  
Radio repeater



WS 824  
Radio receiver

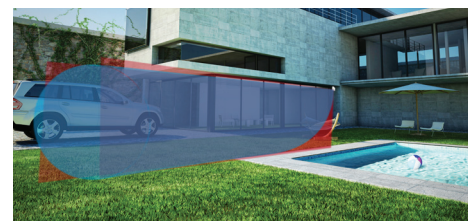


WS 801  
Radio transmitter



Inserting universal  
transmitter

Inserting universal  
TX board



## Technical characteristics

Maximum use distance outdoors	Adjustable from 0 to 10 m
Maximum use distance indoors	Adjustable from 0 to 10 m
Optical with double beam	PIR with Fresnell lens
Pointing and alignment system	Leds
MW frequency	Microwave in band K 24 GHz always active
Circuit power supply	3,6 V
Circuit absorption	0,35mA. Without standby
Alarm output	Alarm relay for NC and OC anti-masking
Tamper-proof output	Cover anti-opening and anti-removal from wall
IR opening	80° vertical - 6° horizontal
WM opening	80° vertical - 30° horizontal
Functions	Configurable function and output for ANTI-MASKING IR AND MW
	RF immunity
	Pet immunity (10 kg)
	Insect immunity
	Digital signal processing on PIR and MW
Working temperature	-20°C/+65°C
Radio TX power supply sharing	Configurable output 3-3.6V for supply to radio TX
Auto-compensation	thermal and drying
Security function	AND + OR pulses count
Tamper	Combined tear-proof and removal-proof tamper output
Level of protection	IP65
Dimensions:	NAT WS FLAT: 150x60x80 mm NAT WS:150x60x100 mm
Max dimensions radio TX	NAT WS FLAT: 18x48x107 mm / 18x32x107 mm / 18x20x113 mm NAT WS: 21x48x107 mm / 26x32x107 mm / 26x20x113 mm
Accessories included	"L" shaped bracket, hood, PIR limiter
Optional accessories	Adjustable joint