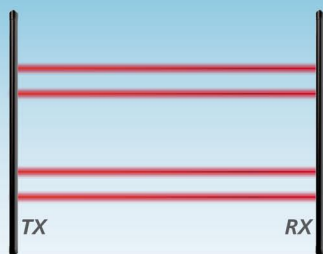
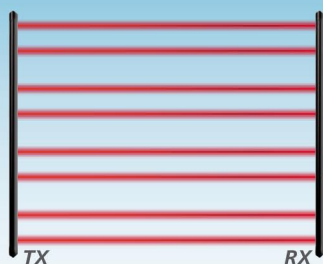


Sadrin



Sadrin



Sadrin



# "THE ACTIVE INFRARED BARRIER FOR DOORS AND WINDOWS"

SADRIN WSI

SADRIN WSE

SADRIN

SADRIN WHITE

## SADRIN WHITE

Different heights and uneven number of beams up to a maximum of ten are available on request  
Maximum range 5 metres

## SADRIN:

Different heights and uneven number of beams up to a maximum of ten are available on request

## SADRIN WS:

Different heights and uneven number of beams up to a maximum of eight are available on request. Available with white aluminium profile but with black plastic cover

SADRIN WSI



SADRIN WSE



RADIO TRANSMITTER HOUSING



TECHNICAL CHARACTERISTICS SADRIN

	250	410	615	820	825	830
Maximum internal distance of use	30 m					
Maximum external distance of use	15 m					
Synchronization	Wire					
Optical lens with dual beam	YES with 35mm in AND lenses					
Photo devices	Pulsed beams in working wave 950 NM					
Maximum double beam configuration per barrier (column pair)	2TX and 2RX	4TX and 4RX	6TX and 6RX	8TX + 8RX	8TX + 8RX	8TX + 8RX
Beam arrangement	Parallel					
Circuit power supply	13,8 Vdc					
Circuit absorption per pair	60mA	90mA	120mA	150mA	150mA	150mA
Optional thermoheater kit	Includes one thermostat per column and from 2 to 14 thermoresistors					
Heater power supply	13,8 Vdc					
Heater absorption per pair	560mA	1680mA	2800mA	3920mA	3920mA	3920mA
Operating temperature	from -10° to + 65° C					
Alarm outputs	Relay with NC/NO free contacts (on right column)					
Tamper protection output	Column opening tamper protection					
Protection Degree	IP54					
Pole size Diam. xH	25 mm x 22 mm from 500mm to 4000mm					



SADRIN WS TECHNICAL CHARACTERISTICS

	250	410	615	820	825	830
Maximum internal distance of use	15 m					
Maximum external distance of use	5 m					
Synchronization	Optical lens					
Optical lens with dual beam	YES with 15mm in AND lenses					
Photo devices	Pulsed beams in working wave 950 NM					
Maximum double beam configuration per barrier (column pair)	2TX and 2RX	4TX and 4RX	6TX and 6RX	8TX + 8RX	8TX + 8RX	8TX + 8RX
Beam arrangement	Parallel					
Circuit power supply	3.6V 2.7Ah batteries included in the WSI version					
	3.6V 19Ah batteries included in the WSE version (*)					
Operating temperature	from -10° to + 65° C					
Alarm outputs	Low absorption micro relay with NC/NO free contact					
Tamper protection output	Low absorption micro relay with NC/NO free contacts					
Protection Degree	IP54					
Pole size Diam. xH	25 mm x 22 mm from 5 00mm to 4000mm					
(*) Outer box size LxWxH	40 mm x 40 mm x 220 mm (-12mm) to obtain total height					
	Useful space for TX radio 35mm x 35mm x 105mm					

SADRIN/WS FUNCTIONAL PERFORMANCE

	250	410	615	820	825	830
Tracking and alignment system	Automatic					
Protection against sunlight	YES					
Operating mode settable via board	OR: single beam					
	AND Random (random of two beams)					
Beam interruption time	100ms 250ms 400ms settable					
	50ms or 400ms settable (MOD. WS)					
LED activation	Can be excluded with dip					
Optional mounting accessories	Articulated brackets kit for 180° rotatio					
Accompanying manuals	Instructions manual with application example figures					
Warranty	Integral 2 years for manufacturing defects					