

	SADRIN WSI - WSE BLACK / WHITE	SANDOR SMA WS	PARVIS SMA WS	ALES WS
Indoor range	15 / 5	200 m	200 m	200 m
Outdoor range	15 / 3	50 m	50 m	50 m
Alignment technology	SMA TECHNOLOGY	SMA	SMA	SMA
Synchronization	optical	optical	optical with 4 channels	optical with 4 channels
Dual Optical beams	Yes with 15mm lenes (in And)	Yes with 35mm lenes (And)	Yes with 35mm lenes (And)	Yes with 35mm lenes (And)
Photobeams	Pulsed 950nM beams	Pulsed 950nM beams	Pulsed 950nM beams	Pulsed 950nM beams
Configuration of double beams inside the column	2 to 8 TX and 2 to 8 RX		2-3TX and 2-3RX	1TX 1RX
Beams configuration for END OF LINE barriers		2-3-4-5-6TX e 2-3-4-5-6RX	2-3TX o 2-3RX	
Beams disposition	Parallel	Parallel	Parallel	Parallel
Settable operation mode	OR - AND RANDOM	OR - AND RANDOM	OR - AND RANDOM	OR
Settable beams exclusion		yes	yes	
Anti-crawling function (first beam low)		yes	yes	
Column Supply	Battery 3,6V 2,7Ah (WSI) 3,6V 19Ah (WSE)	Battery 3,6V 19Ah	Battery 3,6V 19Ah	Battery 3,6V 19Ah
Battery life	from 1 to 3 years	3 years	3 years	3 years
Alarm output	Free contact relay (NC NO) on RX	Free contact relay (NC NO) on RX	Free contact relay (NC NO) on RX	Free contact relay (NC NO) on RX
Tamper output	Free contact relay (NC NO) on RX (also for TX tamper)	Free contact relay (NC NO) on RX (also for TX tamper)	Free contact relay (NC NO) on RX (also for TX tamper)	Free contact relay (NC NO) on RX (also for TX tamper)
Fog disqualification output		Yes with dedicated OC	Yes with dedicated OC	Yes with dedicated OC
Protection degree	IP54	IP65	IP65	IP65
Dimensions Ø xH			80mm x from 1200mm to 4000mm	
Dimensions LxPxH	25 mm x 22 mm from 500 to 4000 mm	60 mm x 60 mm from 500 to 4000 mm		78 mm x 78 mm x 185 mm

- (*) A larger battery box is supplied with the WSE version to house the higher capacity battery and wireless transmitter. In calculating the total column height please note that the box is placed on the top of the columns.
 Dimensions of the Box LxWxH 40 mm x 40 mm x 220 mm (- 12 mm column attachment).
 Useful space for housing the radio version 35 mm x 35 mm x 105 mm

BATTERY LIFE

NUMBER OF BEAMS	WSE	WSI
2	6 years ***	2 years *
4	3,5 years ***	1 year *
6	3 years ***	1,5 years **
8	2 years ***	1 year **

* using 2 batteries 3,6V – 2,7 mAh

** using 4 batteries 3,6V – 2,7 mAh

*** using 1 battery 3,6V – 19 mAh

3m is the max range of full White version.