

> MS4R-LS5 LENS SET

Roombus



The specified detection coverage and mounting height of each lens are based on the test result of human motion walking across the detection zones. The actual coverage may be reduced if the motion is moving toward or away the sensor. High ambient temperature (above 82°F/28°C) could reduce the coverage of PIR sensor. If ambient temperature at the covered area are expected to be high sometimes, consider adding more sensors or reduce the mounting height, if possible.

The MS4R Multisensor has interchangeable lenses, available in the MS4R-LS5 LENS SET which consists of five lens types. You can replace a lens in a multisensor that has already been installed and connected. Each type of lens offers a different detection area, depending on the actual installation height.

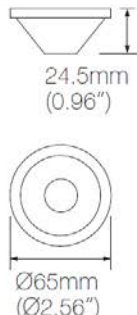
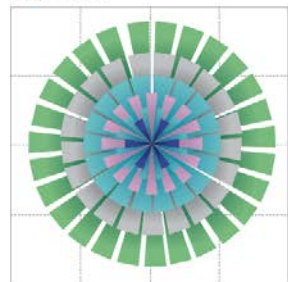
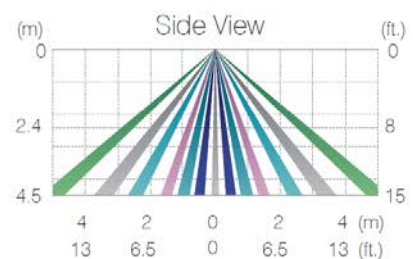
Specifications

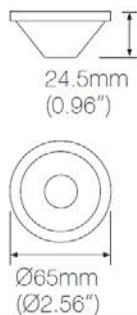
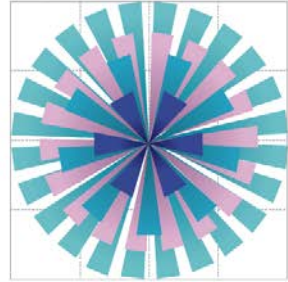
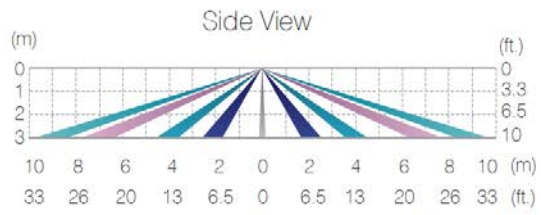
General	
Article	MS4R-LS5 lens set
Article number	111295
Lens types	A, B, C, F, G (lens D is standard delivered with the Multisensor MS4R)


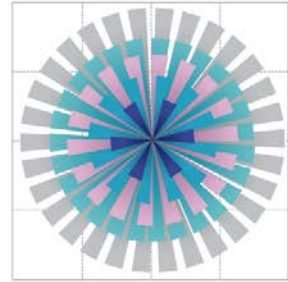
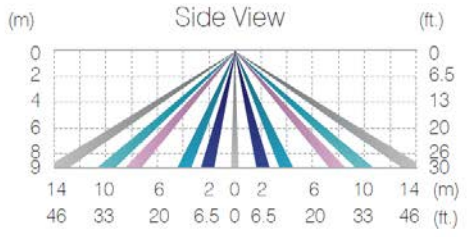
	Lens		Shape	Recommended Mounting Height		Coverage
	Image	Standard		ft.	m	
A		Standard	Cone	8~15 ft.	2.4~4.5m	2X height
B		Extra wide	Cone	8~10 ft.	2.4~3.0m	6X height
C		Highbay	Cone	15~30 ft.	4.5~9.0m	3X height
D		Standard	Round flat	8~20 ft.	2.4~6.0m	2X height
F		Extra wide	Dome	8~20 ft.	2.4~6.0m	4X height
G		Aisleway	Arch	8~40 ft.	2.4~12.0m	3X height

Note:

- Lens G can be rotated to change the direction of coverage. Its 3X height coverage refers only to the total length. The width of coverage will vary with the mounting height (see table of Lens G section). This lens is not IP-66 rated.
- Lens C/G may be mounted up to 40/50 ft. (12/15m) or higher at the area, providing coverage with large moving object such as forklift trucks. Before installing all sensors, please ensure that the sensor can have optimal detection at desired height.

LENS A		2X Standard						
 <p>24.5mm (0.96")</p> <p>Ø65mm (Ø2.56")</p>	<p>Top View</p> 	Mounting Height	m	2.4	3.0	3.6	4.5	
		(ft.)	(8)	(10)	(12)	(15)		
		Max. Coverage Diameter	m	4.8	6.0	7.2	9.0	
		(ft.)	(16)	(20)	(24)	(30)		
		<p>Side View</p> 						

LENS B		6X Extra wide						
 <p>24.5mm (0.96")</p> <p>Ø65mm (Ø2.56")</p>	<p>Top View</p> 	Mounting Height	m	2.4	2.6	2.8	3.0	
		(ft.)	(8)	(8.5)	(9)	(10)		
		Max. Coverage Diameter	m	14.4	15.6	16.8	18.0	
		(ft.)	(48)	(51)	(54)	(60)		
		<p>Side View</p> 						

LENS C		3X High bay						
 <p>0.96" (24.5mm)</p> <p>Ø2.56" (Ø65mm)</p>	<p>Top View</p> 	Mounting Height	m	4.5	6.0	8.0	9.0	
		(ft.)	(15)	(20)	(26)	(30)		
		Max. Coverage Diameter	m	13.5	18.0	24.0	27.0	
		(ft.)	(45)	(60)	(78)	(90)		
		<p>Side View</p> 						

LENS D 2X Standard

Mounting Height	m (ft.)	2.4 (8)	3.0 (10)	4.5 (15)	6.0 (20)
Max. Coverage Diameter	m (ft.)	4.8 (16)	6.0 (20)	9.0 (30)	12.0 (40)

12mm (0.47")

Ø65mm (Ø2.56")

Top View

Side View

LENS F 4X Extra wide

Mounting Height	m (ft.)	2.4 (8)	3.0 (10)	4.5 (15)	6.0 (20)
Max. Coverage Diameter	m (ft.)	9.6 (32)	12.0 (40)	18.0 (60)	24.0 (80)

20mm (0.79")

Ø65mm (Ø2.56")

Top View

Side View

LENS G 3X Aisle way

Mounting Height	m (ft.)	3.0 (10)	6.0 (20)	9.0 (30)	12.0 (40)
Max. Coverage Length x Width	m (ft.)	9.0 x 1 (30 x 3.3)	18.0 x 2 (60 x 6.5)	27.0 x 3 (90 x 10)	36.0 x 4 (120 x 13)

21mm (0.83")

Ø65mm (Ø2.56")

Top View

Side View

Priva (head office)
Zijlweg 3
2678 LC De Lier
The Netherlands

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