

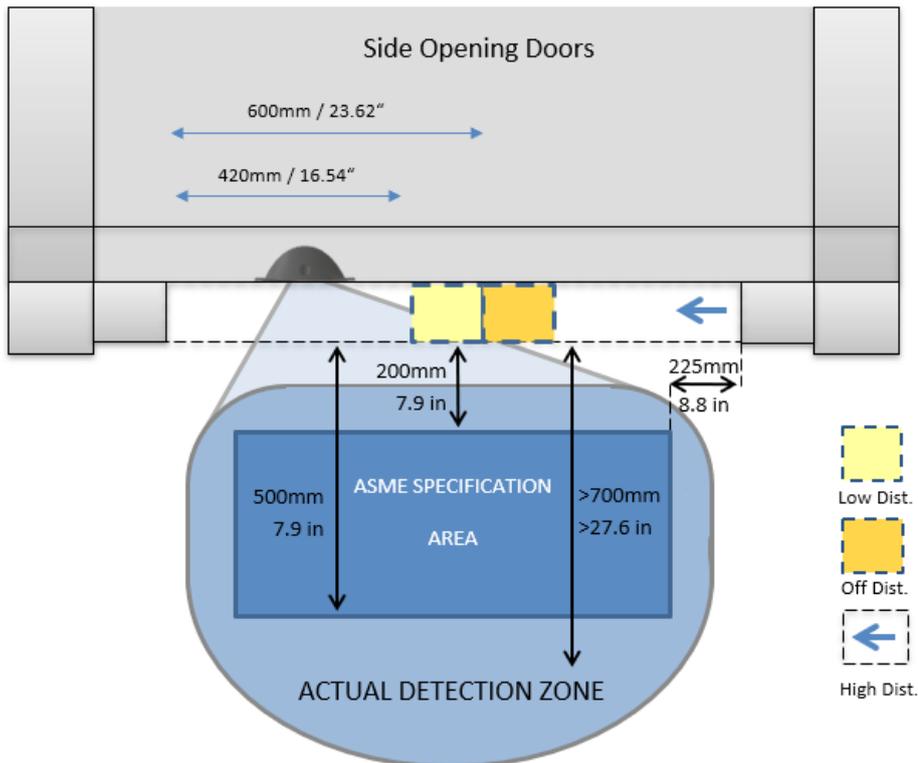
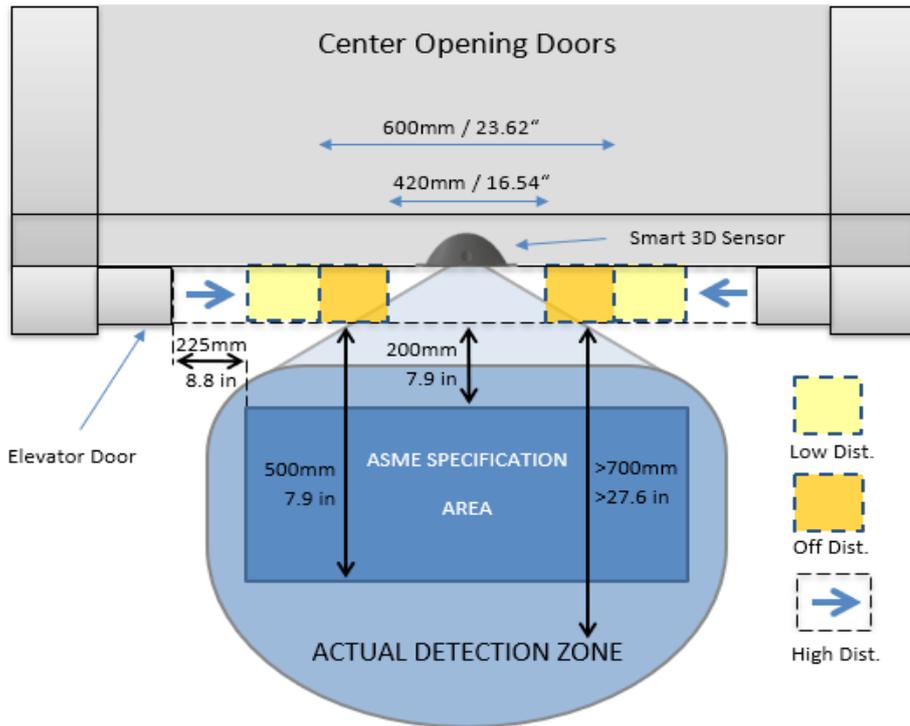
The Smart 3D system is designed to change its field of view based on how close the doors are from shutting. The Smart 3D Radar recognizes the doors going through three zones; *High distance*, *Low Distance* and *Off distance*. As the doors pass through each zone the detection zone is altered (made narrower and shorter) so that as the doors shut and the sensor is not triggered by the movement of the doors. The point at which these zones are entered can be configured.

D dr Low Dist ()

Sets the door separation distance (in) at which the Smart 3D detection area is switched from high to low. The default is set to 600mm / 23.62".

+ 3D Rdr Off Dist (SF2)

Sets the door separation distance (in) at which the Smart 3D detection is turned off. The default is set to 420 mm / 16.54".



+ 3D False Triggers - Doors Closing

In the event of a 3D false trigger on door closing, it is possible that this is simply the sensor picking up the movement of the doors and seeing it as an approaching object. Immunity to door triggers can be increased by adjusting the 3D radar low distance and 3D radar off distance (see 'Smart 3D configuration Options').

Door Immunity	3D Rdr Off Distance	3D Rdr Low Distance
Low Immunity	-10	-10
Medium Immunity (Default)	0	0
High Immunity	+10	+10

It is recommended that in the event of false triggers on door closing that the high immunity values are used.

Alternatively, to increase detection sensitivity on door closing, please use the Low Immunity values shown above (please note that this will increase the risk of false triggers). Refer to Section 5. (G3851 controller settings) for further detail.

+ Door triggering wider apart

If the doors trigger above 600mm/23.62", increase the 3D Rdr Low Dist.

+ Door triggering near to close

If the doors are triggering between 420mm/16.54" and 600mm/23.62", increase the 3D Rdr Off distance.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device contains:

FCC ID: G9B-305015

IC: 4680A-305015

CAUTION: Changes or modifications not expressly approved by Avire Ltd could void the user's authority to operate the equipment.