



Roof Radar

PRODUCT DESCRIPTION

Roof Radar is an innovative safety system that automatically reduces the speed of a vehicle as it enters a building.

HOW DOES IT WORK?

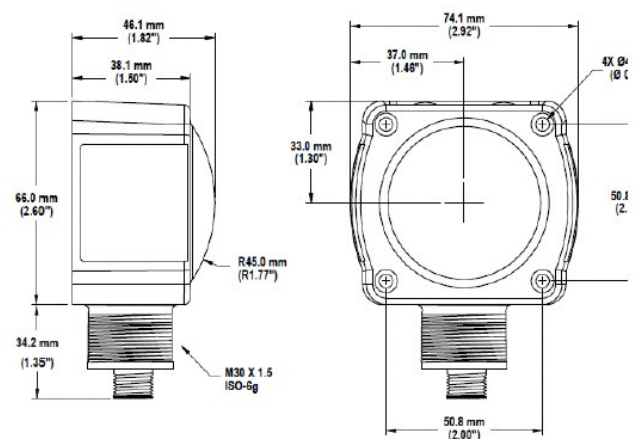
As a vehicle that has Roof Radar installed enters a building the radar will detect the roof and automatically initiate its low speed until it leaves the building again. The detection zone distance, sensitivity and output settings can be customised to the needs of each vehicle.

ADVANTAGES

The Roof Radar stands out for its ability to be integrated into any type of vehicle. It detects superstructures (e.g. ceilings) up to a height range of 24 meters, based on its radar technology sensor system. This product can be combined with other devices.



TECHNICAL SPECIFICATIONS



Dimensions:	74,1 mm x 100,2 mm x 46,1 mm Weight: 160g
Material:	ABS/PC
IP protection:	IP 67
Range:	From 2 to 24m
Power supply:	12 – 30 VDC
Consumption:	100mA
Operating Principle:	Frequency modulated continuous-wave (FMCW) radar.
Maximum Output Power:	•ERP: 3.3 mW, 5 dBm •EIRP: 100 mW, 20 dBm
Delay at Power-up:	Less than 2 seconds.
Output Configuration:	Bipolar NPN/PNP output, 150mA; DIP switch 6 selects N.O. (default) or N.C. operation.
T ^a Operating:	-40 °C to +65 °C
Indicators:	LED