

R-Loop – Adjustment of an automatic opening field in entry or exit direction

Device family: Radar scanners

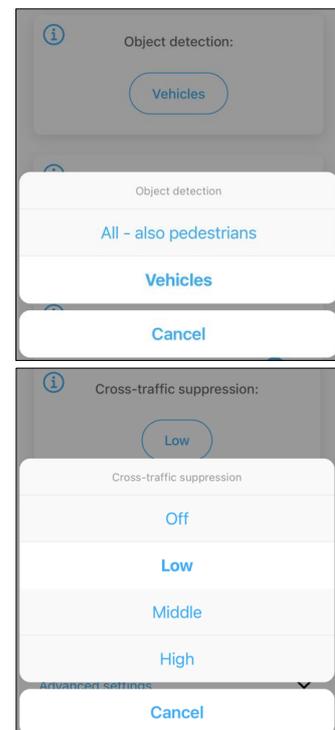
Topic:

The R-Loop can fully cover two induction loop functions. This eliminates the need to install conventional induction loops for your barrier system. A typical configuration that can be covered by the R-Loop is the setting of an automatic opening field for the barrier in the entry or exit direction. If the entry or exit is allowed to be uncontrolled, this ensures an optimal flow of traffic.

Default settings:

Enter the required length and width of the opening field in the default settings. By default, the R-Loop only detects vehicles in the presence field - if necessary, you can change this by selecting 'All, also pedestrians' under 'Object detection'. This mode should not be used if you only want vehicles to be detected.

Depending on the entry and exit situation on site, passing vehicles may cross the opening field, leading to unintentional openings. This cross-traffic can be suppressed to prevent false triggering. You can choose from various sensitivity levels in the settings. Please check the information on cross-traffic suppression by tapping on the  and then select the appropriate sensitivity level based on your individual situation on site

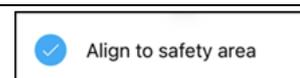


Advanced settings:

You can further customise the presence area in the advanced settings. For example, you can decouple the presence field from the safety field if the local conditions require it.

PLEASE NOTE:

You can reconnect the presence field flush to the safety field at the touch of a button by tapping on:



To obtain automatic opening in the entry or exit direction, it is important that the correct signal type is set. First, make sure that the output itself, i.e. the contact, is activated. To do this, tap on the corresponding slider. Then select between a normally open (NO) or normally closed (NC) contact. The default setting for the signal type is 'Continuous signal' - this means that the contact is active if a vehicle is detected in the opening field. This setting can be set to 'Single pulse' if required.

PLEASE NOTE:

The choice of the correct contact and signal type depends on the internal wiring of the host system!

