

## LASER SCANNER FOR BARRIERS

### For the safe detection of vehicles and persons

#### Application: Barriers where personal traffic cannot be excluded

The TÜV-certified protection device provides a reliable usage in case no induction loop can be used due to structural conditions. The monitoring area and opening area can be adjusted individually - up to a maximum size of 9,900mm x 9,900mm. Pedestrian detection can be deactivated (during opening).

#### Highlights

- ✓ For the use of barriers with high impact forces where passenger traffic cannot be excluded
- ✓ Efficient protection of persons and vehicles
- ✓ TÜV-certified as personal protection device
- ✓ Pedestrian detection can be deactivated (during opening)
- ✓ Adjustable size of the monitoring area and opening area
- ✓ Safe alternative to induction loops

#### Technical data

Technology	Laser scanner, Time-of-flight measurement
Outputs	2 electronic relays (galvanically isolated, polarity-free)
Max. detection zone	9,900mm x 9,900mm
Power supply	10 - 35Vdc
Power consumption	< 5W
Degree of protection	IP65
Temperature range	-30°C to 60°C in operation -10°C to 60°C out of operation
Compliance with norms	e.g. EN 12453 (Device E)
Status display	Colored LEDs
Dimension (L x W x H)	125mm x 93mm x 70mm

# LASER SCANNER INSTALLATION



## Laser scanner for free-standing installation

Laser scanner in a free-standing pillar for a monitoring field on the left and right side of the barrier boom with reference posts, available in two sizes. A reference post with reflector foil is required if no wall with reflector foil can be used as a reference object.

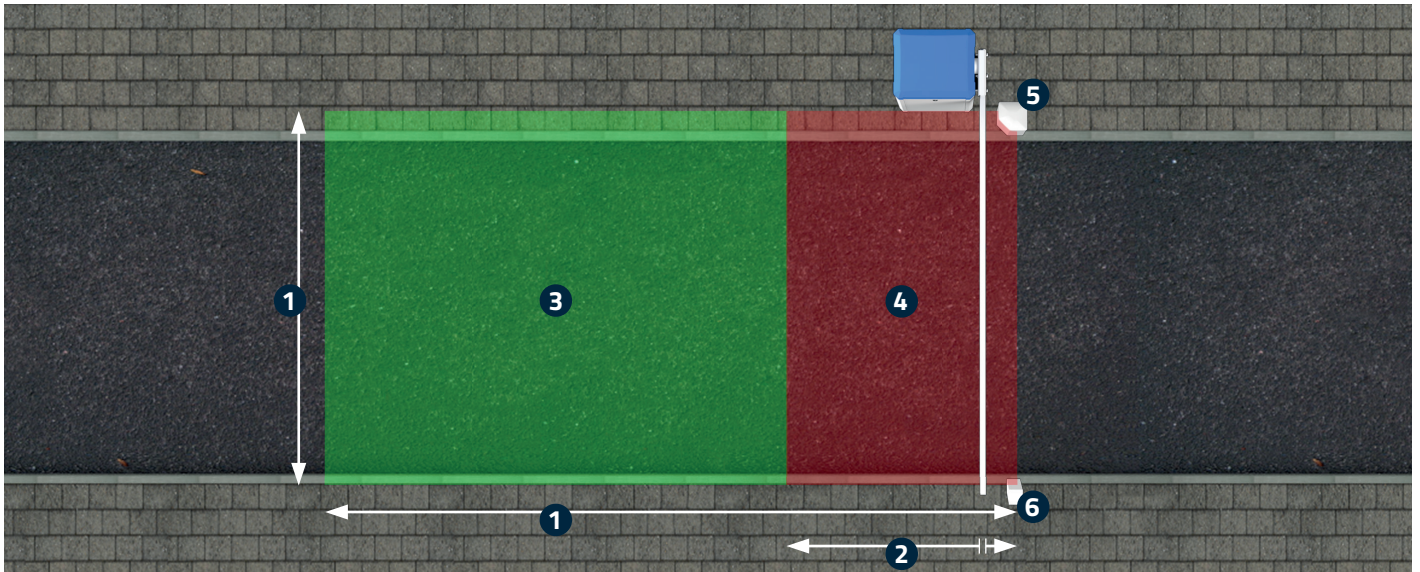


## Laser scanner for mounting on the barrier housing

Laser scanner in a housing for a monitoring field on the left and right side of the barrier boom. For on-site installation on the barrier housing. A fixed post with reflector foil is required if no wall with reflector foil can be used as a reference object.

**Housings, pillars and posts optionally available in all RAL custom colours (extra charge).**

## Configuration example 1: series PARKING



(1) Field dimension max. 9,900mm

(2) Security area, min. 200mm to the barrier boom

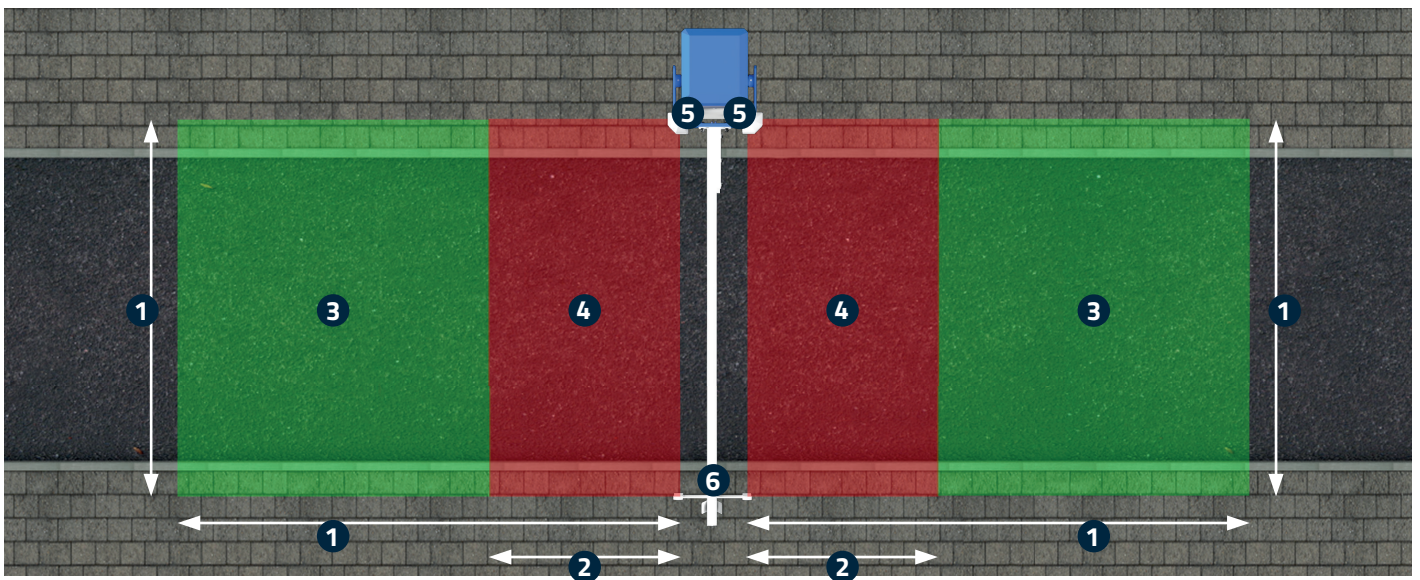
(3) Opening field

(4) Security field

(5) Laser scanner in free-standing pillar

(6) Reference post with reflector foil

## Configuration example 2: series INDUSTRIAL with folding skirt or folding top and bottom skirt



(1) Field dimension max. 9,900mm

(2) Security area, distance max. 200mm from the barrier boom

(3) Opening field

(4) Security field

(5) Laser scanner in housing, mounted on barrier housing

(6) Fixed post with reflector foil



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