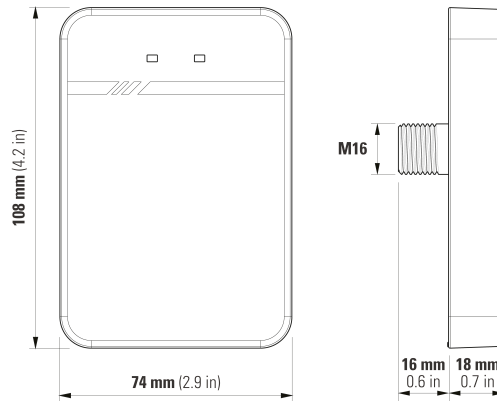


# EasyLoop S

Vehicle detection sensor for presence detection at automatic barrier systems



## Functional data

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| Function                       | safety (presence detection)                                                           |
| Transmission frequency         | microwave 79 GHz                                                                      |
| Detection zone (L × W)         | 6 × 3 m (20 × 10 ft)                                                                  |
| Detection depth (configurable) | lower limit:<br>20 – 100 cm (8 – 40 in)<br>upper limit:<br>100 – 600 cm (40 – 240 in) |
| Detection width (configurable) | per side:<br>50 – 150 cm (20 – 60 in)                                                 |
| Configuration                  | via mobile app                                                                        |
| Interface                      | Bluetooth® / RS485                                                                    |

## Mechanical data

|                        |                                           |
|------------------------|-------------------------------------------|
| Housing material       | PC, PBT, GF20, ABS                        |
| Dimensions (L × W × D) | 108 × 74 × 18 mm<br>(4.25 × 2.9 × 0.7 in) |
| Weight                 | 131 g (4.7 oz)                            |
| Protection Class       | IP66                                      |

## Electrical data

|                   |                                       |
|-------------------|---------------------------------------|
| Supply voltage    | 9 – 24 V DC<br>(12 V / 1 A preferred) |
| Power consumption | < 2.5 W                               |
| Output            | 2 relays NO, NC                       |
| Response time     | 100 ms                                |
| Wiring            | 10 pin                                |
| Cable length      | 1.2 m (3.9 ft)                        |

## Ambient conditions

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Operating temperature | min. -40 °C, max. 85 °C<br>(min. -40 F, max. 185 F) |
|-----------------------|-----------------------------------------------------|

## Disposal information



The product contains electrical or electronic components. Do not dispose of the product with household waste.

## Notice on conformity



RED 2014/53/EU    RoHS 2011/65/EU

## Technical documentation



You will find all documents on the manufacturer website  
[www.bircher.com](http://www.bircher.com)

## Standard box contents

1 sensor, 1 connection cable 10 pin × 1.2 m (4 ft), mounting material, instructions

Package dimensions: 140 × 85 × 60 mm

If you have any questions about the device, please contact us:

✉ [service@bircher.com](mailto:service@bircher.com) ☎ +41 52 687 1366

## BBC Bircher Smart Access

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