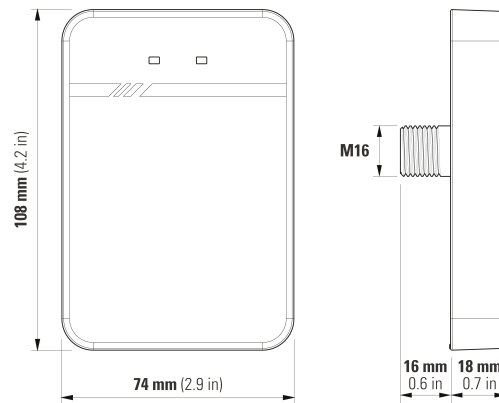


EasyLoop D

Vehicle detection sensor for activation or presence detection at automatic barrier systems



Functional data

Function	safety (presence detection) activation (motion detection)
Transmission frequency	microwave 79 GHz
Detection zone (L × W)	90°: 6 × 3 m (20 × 10 ft) 45°: 6 × 4 m (20 × 13 ft)
Detection depth (configurable)	lower limit: 20 – 100 cm (8 – 40 in) upper limit: 100 – 600 cm (40 – 240 in)
Detection width (configurable)	per side: 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 (4.25 × 2.9 × 0.7 in)
Weight	131 g (4.7 oz)
Protection Class	IP66

Electrical data

Supply voltage	9 – 24 V DC (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 (min. -40 F, max. 185 F)
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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

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 ☎ +41 52 687 1366

BBC Bircher Smart Access

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