

EasyLoop

Vehicle detection sensor

Smart Sensing Solutions

Ideal for barrier control, this presence-detection sensor features a Bluetooth app-based configuration for easy setup and a robust design for long-lasting performance.

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Your benefits

The EasyLoop is a cutting-edge vehicle detection sensor designed to manage entrance and exit operations across parking lots, business parks, and more. Powered by 60 GHz millimeter-wave radar technology and a compact design, it ensures reliable and precise detection, even in the harshest conditions.

User friendly installation

Configure sensitivity, detection range and operation modes directly via mobile app.
Smart Installation: Above-ground setup at 0.8m.
No digging or surfacing work required with bracket options for diverse applications.

Robust design

Stable, accurate detection in all conditions whether its rain, fog, snow or dust. Superior design offers protection ratings of IP66 (high dust/water protection).
Built to withstand rugged use while maintaining a slim form factor.

Several features

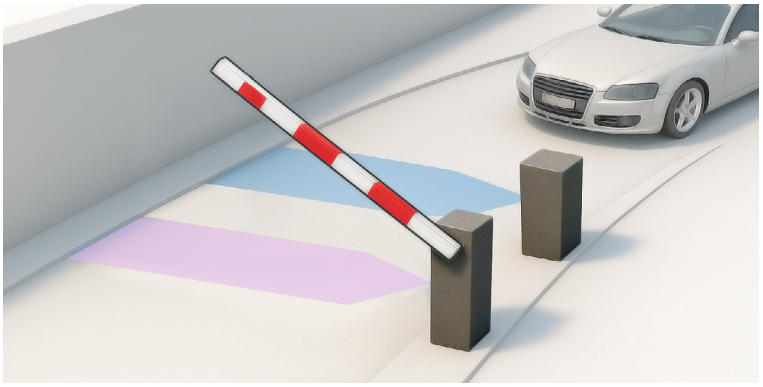
The sensor intelligently learns its surroundings and focuses only on the relevant detection zone to avoid false alarms. Works for activation or presence detection, vehicle protection and offers accurate object differentiation to filter out pedestrian traffic, due to high resolution 79 GHz radar. Vehicle counting supports analytics and control for advanced traffic management.



EasyLoop D.6
Article No. 491469

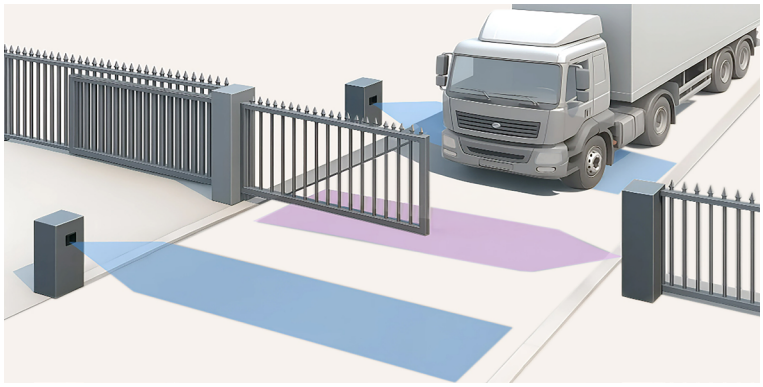
Areas of application

**We use our extensive technological expertise to develop individual customer solutions. With intelligent presence detection sensor technology for sliding gates and parking management,
BBC Bircher Smart Access provides reliable, application-specific products.**



Barrier-parking & toll-system

Efficiently activate ticket dispensers in parking areas or payment terminals at toll stations or safeguard barriers with presence detection. EasyLoop activates upon vehicle arrival and seamlessly integrates with existing systems ensuring smooth and efficient access flow.



Sliding gates

The EasyLoop products feature cutting edge radar technology to activate or safeguard sliding gates with pedestrian & vehicle differentiation and detection.

Presence detection Activation

EasyLoop D.6

Datasheet

Function

Double function presence detection
or activation sensor for safeguarding
or activating barrier systems

Mechanical data

Housing material	PC, PBT, GF20, ABS
Housing colors	black
Dimensions (L × W × D)	4.25 × 2.9 × 0.7 ″
Weight	4.7 oz (131 g)

Technological data

Technology	Microwave
Transmission frequency	60 GHz
Detection distance	3.3 – 19.7 ft, default 9.8 ft configurable via mobile app
Detection width	1.6 – 5.0 ft per side, configurable via mobile app
Interface	Bluetooth® / RS485

Electrical data

Supply voltage	9-24VDC (12 V / 1 A preferred)
Power consumption	<2.5W
Output	NO/NC dual relay
Response time	100ms
Wiring	10 pin
Connection type	3.9 ft m cable with plug connector

Surrounding conditions

Installation height	min. 20″ max. 26″
Operating temperature	min. -40 F, max. 185 F
Protection class	IP66

Conformity

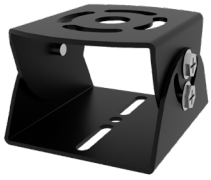
Certification	FCC, CE,RoHS

Order Details

Article Nr.	Description
491469	EasyLoop D.6 vehicle detection microwave motion sensor function: activation or presence detection

Compatible accessories

Article Nr.	Description
487135	Mounting Bracket EasyLoop



Download App

EasyLoop

Configuration of the vehicle detection sensor

Download on the App Store

GET IT ON Google Play



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