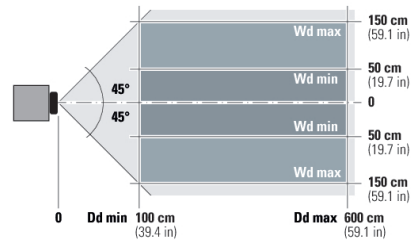
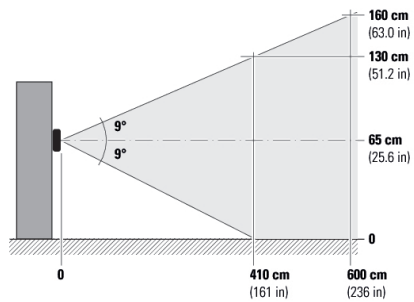


EasyLoop D

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

1



<https://www.bircher.com>

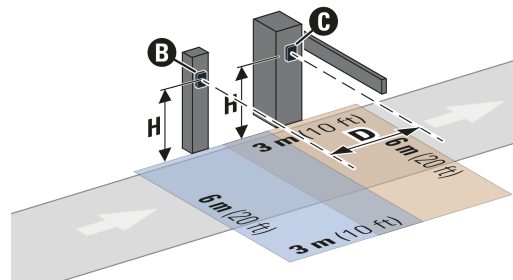
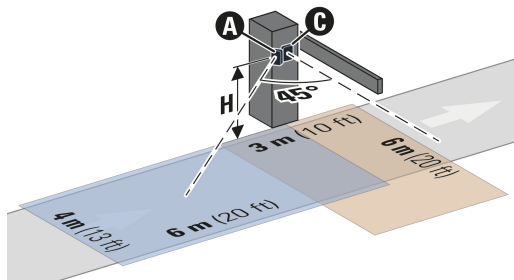
2

A 45° / C 90°

B 90° / C 90°

D ≥ 150 cm
D ≥ 5 ft

H 65 – 80 cm
H 26 – 32 in



3

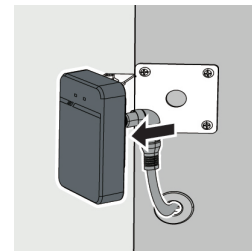
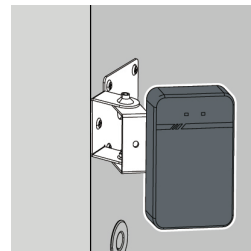
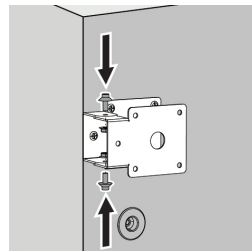
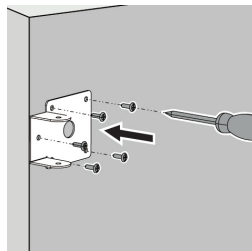
A1

A2

A3

A4

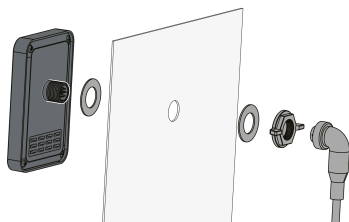
A
45°



3

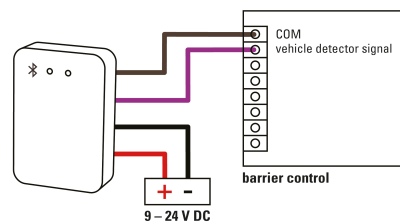
B
90°

C
90°

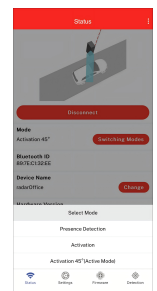


4

NC



5



EN Safety instructions

Read the operating instructions carefully before commissioning the device. Keep the instructions for future use.

Intended use

The manufacturer is only liable for products used as intended. Only use this product for the function specified:

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

Personnel qualification

Only trained and qualified personnel may install and commission the device.

The installer is responsible for installing the device and the connected system in accordance with the regulations and standards.

General safety instructions

It is the responsibility of the equipment installer to carry out a risk assessment and to install the system, in compliance with applicable regulations and safety standards.

The cables must be protected against mechanical damage.

DE Sicherheitshinweise

Lesen Sie die Betriebsanleitung sorgfältig durch, bevor Sie das Gerät in Betrieb nehmen. Bewahren Sie die Anleitung zur zukünftigen Verwendung auf.

Bestimmungsgemäße Verwendung

Der Hersteller haftet nur für bestimmungsgemäss verwendete Produkte. Verwenden Sie dieses Produkt nur zu folgendem Zweck:

Fahrzeugetkennungssensor zur Aktivierung oder Absicherung automatischer Schrankensysteme

Qualifikation des Personals

Nur geschultes und qualifiziertes Personal darf das Gerät installieren und in Betrieb nehmen.

Der Installateur ist verantwortlich für die vorschriftsgemäße und normgerechte Installation des Geräts und des angeschlossenen Systems.

Allgemeine Sicherheitshinweise

Es liegt in der Verantwortung des Anlagenherstellers, eine Risikobeurteilung durchzuführen und das System in Übereinstimmung mit den geltenden Vorschriften und Sicherheitsnormen zu installieren.

Die Kabel müssen gegen mechanische Beschädigung geschützt sein.

FR Consignes de sécurité

Lisez attentivement le mode d'emploi avant de mettre l'appareil en service. Conservez le mode d'emploi pour une utilisation ultérieure.

Utilisation prévue

Le fabricant n'est responsable que des produits utilisés conformément à leur destination. Utilisez ce produit exclusivement pour la fonction spécifiée :

Qualification du personnel

Seul le personnel formé et qualifié est autorisé à installer et à mettre en service l'appareil.

L'installateur est responsable de l'installation de l'appareil et du système raccordé conformément aux prescriptions et aux normes.

Consignes générales de sécurité

Il incombe à l'installateur d'effectuer une évaluation des risques et d'installer le système selon les prescriptions et normes de sécurité en vigueur.

Les câbles doivent être protégés contre les dommages mécaniques.

IT Avvisi di sicurezza

sicurezza Leggere attentamente le istruzioni per l'uso prima di mettere in funzione l'apparecchio. Conservare le istruzioni per un uso futuro.

Uso previsto

Il produttore è responsabile solo per i prodotti utilizzati come previsto. Utilizzare questo prodotto solo per la funzione specificata:

Qualificazione del personale

L'installazione e la messa in funzione dell'apparecchio sono riservate a personale qualificato e addestrato.

L'installatore è responsabile dell'installazione dell'apparecchio e del sistema collegato in conformità alle norme e agli standard.

Avvertenze generali di sicurezza

L'installatore è tenuto a eseguire una valutazione del rischio e a installare il sistema in conformità alle prescrizioni e alle norme di sicurezza vigenti.

I cavi devono essere protetti da danni meccanici.

ES Para su seguridad

Lea detenidamente el manual de instrucciones antes de poner en funcionamiento el dispositivo. Guarde las instrucciones para un uso futuro.

Uso conforme a lo previsto

El fabricante asume la responsabilidad únicamente de los productos utilizados conforme a lo previsto. Utilice este producto solamente con el siguiente fin:

Cualificación del personal

La instalación y la puesta en funcionamiento del dispositivo deben ser realizadas exclusivamente por personal formado y cualificado.

El instalador es responsable de que el dispositivo y el sistema conectado se instalen según lo previsto y de conformidad con las normas.

Indicaciones generales de seguridad

Es responsabilidad del fabricante de la instalación realizar una evaluación de riesgos e instalar el sistema conforme a las directrices y normas de seguridad vigentes.

Los cables deben estar protegidos contra daños mecánicos.

Technical data

Functional data

Function	safety (presence detection) activation (motion detection)
Transmission frequency	microwave 79 GHz
Detection depth (configurable)	90°: 1.0 – 6.0 m (3.3 – 19.7 ft) 45°: 1.0 – 4.0 m (3.3 – 13.1 ft) default 3 m (9.8 ft)
Detection width (configurable)	0.5 – 1.5 m (1.6 – 5.0 ft) per side
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	NO/NC dual relay
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



BBC Bircher AG declares that this product conforms with the following guidelines and directives of the EU:

RED 2014/53/EU RoHS 2011/65/EU

Follow the QR code or link below for the detailed declaration of conformity.

Technical documentation



You will find all documents on the manufacturer website
www.bircher.com

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

SWISSDOOR APS

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