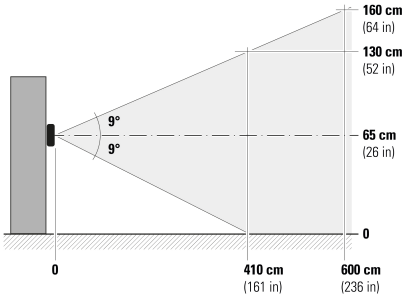
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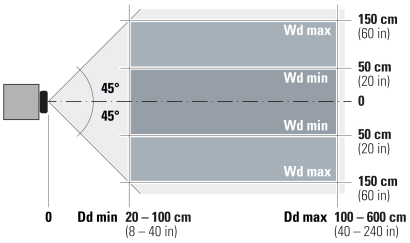
EasyLoop S

Vehicle detection sensor for presence detection on automatic barrier systems

1

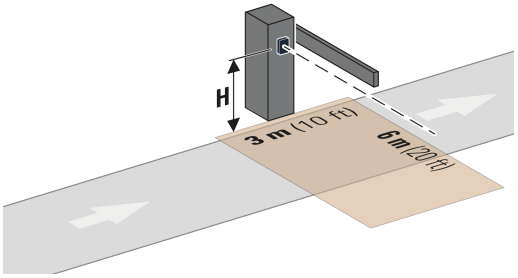


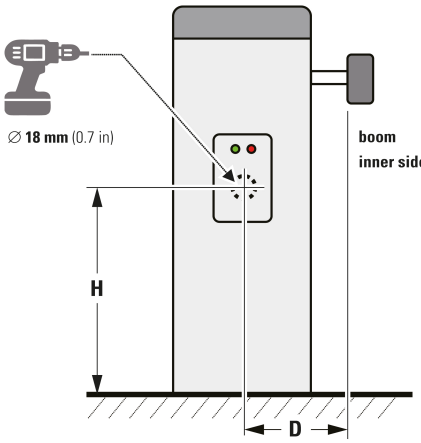




https://www.bircher.com

2

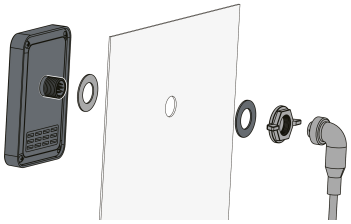




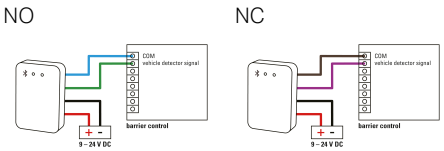
D 20 – 30 cm
D 8 – 22 in

H 65 – 80 cm
H 26 – 32 in

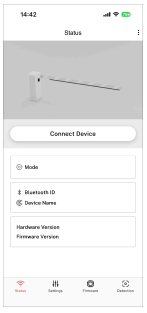
3



4



5



Download on the App Store
GET IT ON Google Play

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 following purpose:

Vehicle detection sensor for presence detection on 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:

Fahrzeugerkennungssensor zur Präsenzmeldung an automatischen Schrankensystemen

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. N'utiliser ce produit que pour l'usage auquel il est destiné :

Capteur de détection de véhicule pour la signalisation de présence sur des systèmes de barrières automatiques

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 sécuritév 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 i seguenti scopi:

Sensore di rilevamento del veicolo per la segnalazione di presenza su sistemi di barriera automatici

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 por los productos utilizados conforme a lo previsto. Utilice este producto exclusivamente para los siguientes fines:

Sensor de detección de vehículos para la detección de presencia en sistemas de barreras automáticos

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)
Technology	Radar 79 GHz
Detection field (L × W)	6 m × 3 m (20 ft × 10 ft)
Detection depth (adjustable)	Lower limit: 20 – 100 cm (8 – 40 in) Upper limit: 100 – 600 cm (40 – 240 in)
Detection width (adjustable)	Per side: 50 – 150 cm (20 – 60 in)
Configuration	Via smartphone 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

Operating voltage	9 – 24 V DC (preferably 12 V/1 A)
Power consumption	< 2.5 W
Output	2 relays NO, NC
Response time	100 ms
Connection cable	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)

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

For the detailed Declaration of Conformity, follow the QR code or link below.

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:

✉ service@bircher.com ✆ +41 52 687 1366

BBC Bircher Smart Access

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www.bircher.com

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