ACCESS CODE

The access code (1 to 4 digits) is recommended to set sensors installed close to each other.

SAVING AN ACCESS CODE:

DELETING AN ACCESS CODE:

Once you have saved an access code, you always need to enter this code to unlock the sensor.
If you forget the access code, **cut and restore the power supply**. During 1 minute, you can access the sensor without introducing any access code.

TROUBLESHOOTING

The door remains closed. The LED is OFF.	The sensor power is off.	1 Check the wiring and the power supply.
	The door control setting (F2) is set to value 3 (closed).	1 Change the door control setting (F2) to value 1 (automatic).
The door does not react as expected.	Improper output configuration on the sensor.	1 Change the output configuration setting on each sensor connected to the door operator.
The door opens and closes constantly.	The sensor is disturbed by the door motion or vibrations caused by the door motion.	1 Make sure the sensor is fixed properly. 2 Make sure the detection mode is unidirectional. 3 Increase the antenna angle. 4 Increase the immunity filter. 5 Reduce the field size.
The door opens for no apparent reason.	It rains and the sensor detects the motion of the rain drops.	1 Make sure the detection mode is unidirectional. 2 Increase the immunity filter. 3 Install the ORA (rain accessory).
	In highly reflective environments, the sensor detects objects outside of its detection field.	1 Change the antenna angle. 2 Decrease the field size. 3 Increase the immunity filter.
	In airlock vestibules, the sensor detects the movement of the opposite door.	1 Change the antenna angle. 2 Change the antenna. 3 Increase the immunity filter.
The LED flashes quickly after unlocking.	The sensor needs an access code to unlock.	1 Enter the right access code. 2 If you forgot the code, cut and restore the power supply to access the sensor without access code. Change or delete the access code.
The sensor does not respond to the remote control.	Batteries in the remote control are weak or installed improperly.	1 Check and change the batteries if necessary.
	Remote control badly pointed.	1 Point the remote control towards the sensor.

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BEA hereby declares that the EAGLE ONE HM is in conformity with the basic requirements and the other relevant provisions of the directives R&TTE 1999/5/EC, LVD 2006/95/EC, RoHS 2 2011/65/EU.
Angleur, October 2013 Pierre Gardier, R&D Manager (Authorized representative)
The complete declaration of conformity is available on our website: www.bea-pedestrian.be

Only for EC countries: According to the European Guideline 2002/96/EC for Waste Electrical and Electronic Equipment (WEEE)

ENGLISH

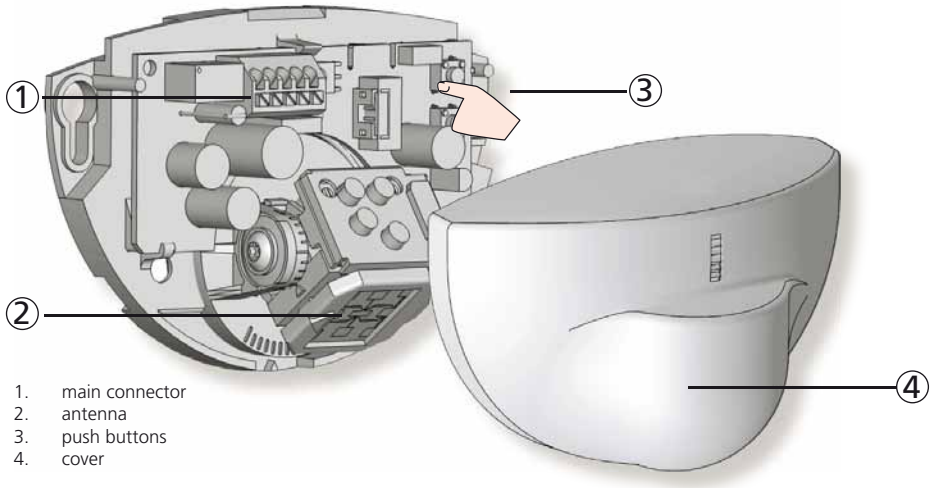
EAGLE ONE HM

User's Guide for product version 0600 and higher
See product label for serial number

ENERGY SAVINGS

Unidirectional opening sensor
for high mounting on automatic doors*

DESCRIPTION



1. main connector
2. antenna
3. push buttons
4. cover

TECHNICAL SPECIFICATIONS

Technology:	microwave and microprocessor
Transmitter frequency:	24.150 GHz
Transmitter radiated power:	< 20 dBm EIRP
Transmitter power density:	< 5 mW/cm²
Detection mode:	motion
Min. detection speed:	5 cm/s
Supply voltage:	12V to 24V AC ±10%; 12V to 24V DC +30% / -10%
Mains frequency:	50 to 60 Hz
Max power consumption:	< 2 W
Output:	relay (free of potential change-over contact)
Max. contact voltage:	42V AC/DC
Max. contact current:	1A (resistive)
Max. switching power:	30W (DC) / 60VA (AC)
Mounting height:	from 4 m to 5 m
Degree of protection:	IP54
Temperature range:	from -20 °C to + 55 °C
Dimensions:	120 mm (L) x 80 mm (H) x 50 mm (W)
Tilt angles:	0° to 90° vertical; -30° to +30° lateral
Material:	ABS
Weight:	215 g
Cable lenght:	2.5 m
Norm conformity:	R&TTE 1999/5/EC, LVD 2006/95/EC, RoHS 2 2011/65/EU

Specifications are subject to changes without prior notice.
Measured in specific conditions.

* Other use of the device outside of the permitted purpose can not be guaranteed by the manufacturer.

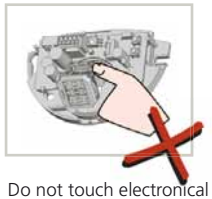
1 OPENING THE SENSOR

Before fixing

After fixing

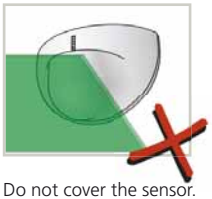
2 MOUNTING & WIRING

TIPS



Do not touch electronical parts.

Avoid vibrations.

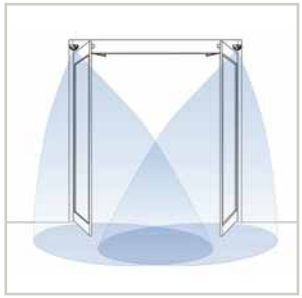


Do not cover the sensor.

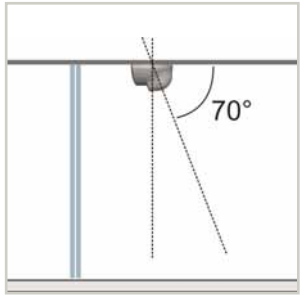
Avoid proximity to neon lamps or moving objects.

APPLICATIONS

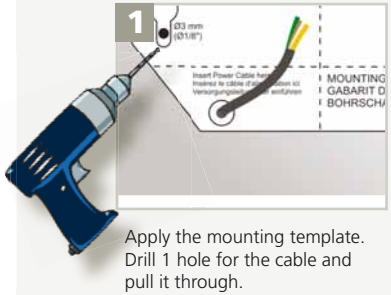
Wall mounting above sliding or revolving door



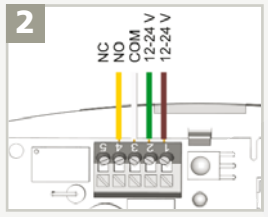
Mounting on door axis (swing doors)



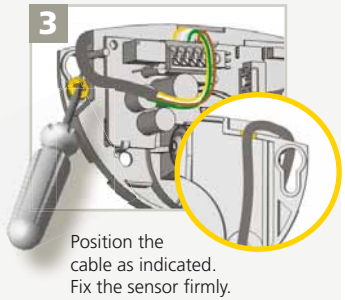
Ceiling mounting in front of door (sliding, revolving or swing doors)



Apply the mounting template.
Drill 1 hole for the cable and pull it through.
Drill 2 holes for the screws.



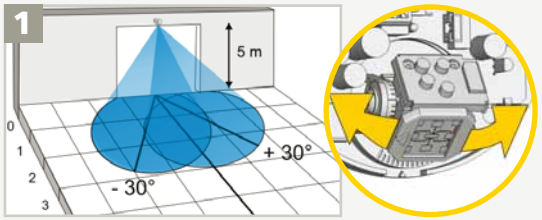
Connect the wires accordingly:
1 - BROWN - POWER SUPPLY
2 - GREEN - POWER SUPPLY
3 - WHITE - COM
4 - YELLOW - NO or
5 - YELLOW - NC



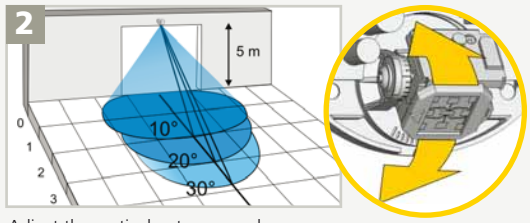
Position the cable as indicated.
Fix the sensor firmly.

3 MECHANICAL ADJUSTMENTS

ANGLE



Adjust the lateral antenna angle.

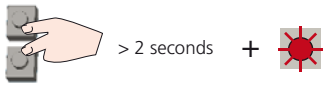


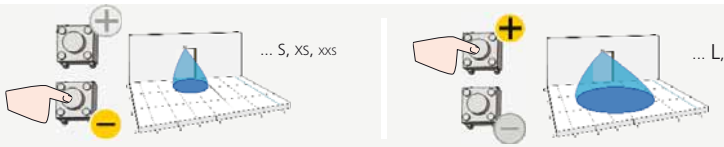
Adjust the vertical antenna angle.

4 SETTINGS (by remote control or push buttons)

FIELD SIZE	XXS	XS	S	>	>	>	>	L	XL	XXL
IMMUNITY FILTER		low	normal	high	>	>	>	>	>	highest
DETECTION MODE		bi	uni	uni PRM	uni AWAY	PRM & AWAY	bi = two-way detection; uni = one-way detection towards sensor uni PRM = one-way detection also of people with reduced mobility uni AWAY = one-way detection away from sensor			
OUTPUT CONFIGURATION		A	P		A = active output (NO-contact) P = passive output (NC-contact)					
HOLD-OPEN TIME	0.5 s	1 s	2 s	3 s	4 s	5 s	6 s	7 s	8 s	9 s
MOUNTING HEIGHT		4 m	> 4 m							
DOOR CONTROL		auto	open	closed	open = the sensor detects constantly. The LED is ON. closed = the sensor is in standby and does not detect. The LED is OFF.					

FACTORY VALUES

RESETTING TO FACTORY VALUES:  OR 

FIELD SIZE 

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