

MICROHEAD 8

The smallest
microwave opening
sensor for all
automatic doors



Technology

- Same K-band planar antenna as the one developed for the Eagle range
- Digital electronics
- Transistor output only
- DC supply voltage only

Detection

- Bidirectional
- Wide sensing field (4 m x 2 m)
- Mounting height up to 3 m

Adjustments

- Manual adjustment of the sensitivity by potentiometer
- 3D antenna's adjustments :
 - front : from 0° to 90°
 - lateral : from -30° to +30°
- Ceiling mounting without accessory

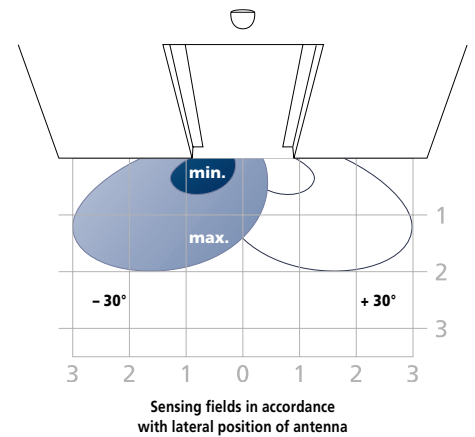
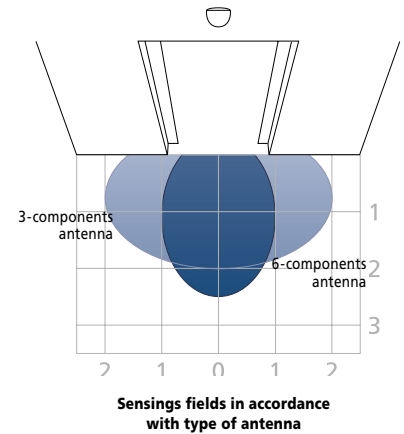
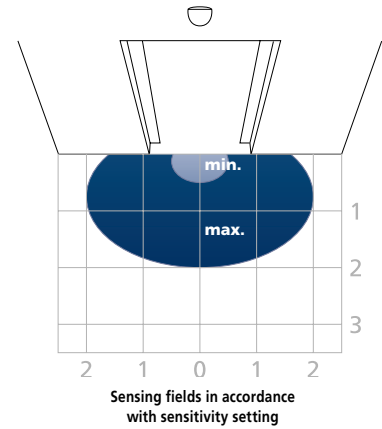
Design

- Optimized design with a miniature and translucent housing
- Vandal proof thanks to the polycarbonate housing

- Planar antenna and a single potentiometer to adjust the sensitivity
It cannot be any easier to adjust the MicroHead 8
- All the BEA Eagle experience in the smallest sensor ever
- The MicroHead 8 especially adapts to compact door controllers



Sensing fields mounting height : 2.2 m



Application



Description

- 1 Sensitivity potentiometer
- 2 LED
- 3 Connector



Technical specifications

Supply voltage	12V to 24V DC + 30% / - 10%
Transmitter frequency	24.175 GHz
Transmitter radiated power	< 20 dBm EIRP
Mounting height	1.8 m to 3 m
Detection area (mounting height at 2.2 m)	<ul style="list-style-type: none"> • wide sensing field 4 m (W) x 2 m (D) • narrow sensing field 2 m (W) x 2.5 m (D)
Tilt angles	0° to 90° vertical - 30° to + 30° lateral
Temperature range	-20°C to +55°C
Output transistor (open collector)	<ul style="list-style-type: none"> • max. current 60 mA • max. voltage 35V DC
Length of cable	2.5 m
Dimensions	80 mm (W) x 60 mm (H) x 55 mm (D)
Colour of the housing	black smoked
Degree of protection	IP54

Subject to modification

