HOTRON

RADAR Sensors
for Automatic Doors

Domino 1000

**Latest generation automatic door radar sensor incorporating**

1. **Directional sensitivity parallel to the door**
2. **Directional sensitivity perpendicular to the door**
3. **Increased safety due to the ability to detect minute motion (Turtle mode)**

DIRECTIONAL SENSITIVITY

Features

◆ Radar motion detection using K-band technology (24.125 GHz)

◆ Sensitivity to motion parallel & perpendicular to the door can be turned on or off using dip switch settings

◆ "Turtle Mode" increases sensitivity to slow moving traffic thus increasing door safety.

◆ Innovative planar technology with an integrated patch antenna ensures a compact aesthetic design.

◆ Common relay that can be switched from Normal Open to Normal Close using dipswitch settings

◆ Easy to use and install, all adjustments are carried out via potentiometers & dipswitch settings.
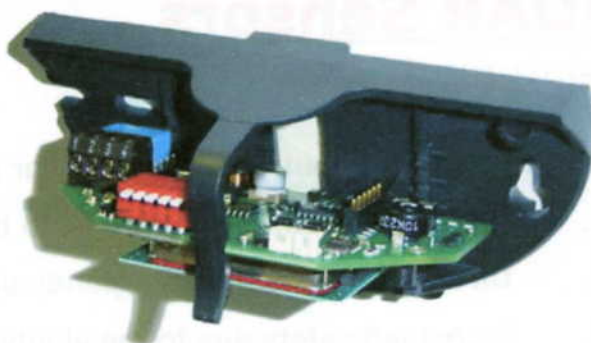
◆ High flexibility of sensing field adjustment

TURTLE MODE
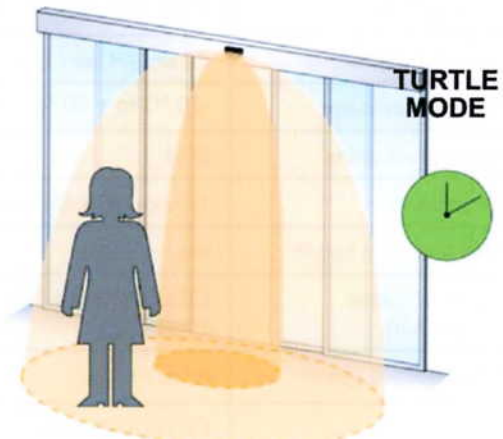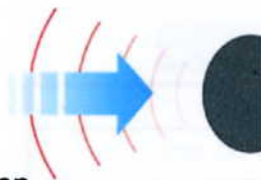
Domino 1000

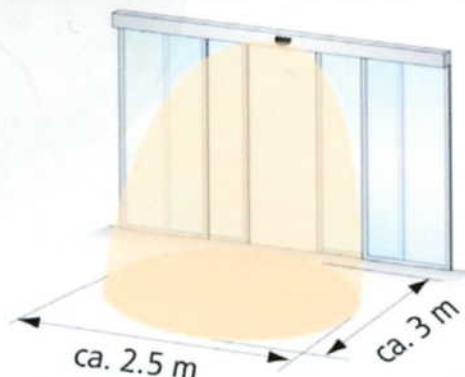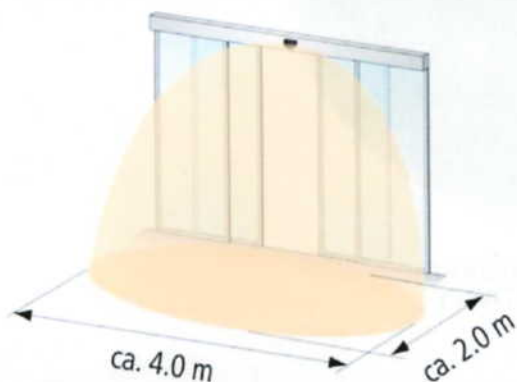## Detection Field Adjustment
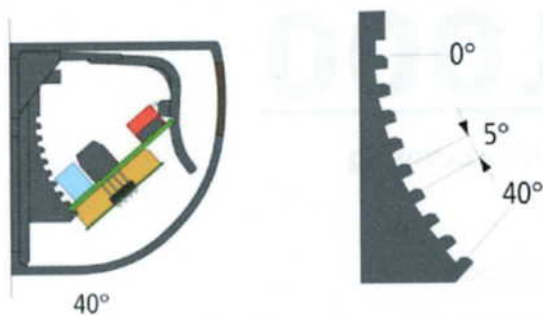
The detection field can be adjusted from 0° to 40° in steps of 5° as shown above

Technology & Design

The compact design of the Domino 1000 is due to the use of planar technology with an integrated patch antenna.

Detection Area

ca. 4.0 m   ca. 2.0 m

ca. 2.5 m   ca. 3 m

Technical Specifications

Supply Voltage	12-36V DC/ 12-38V AC
Current consumption	Ca. 50mA @ 24V DC, 20°C
Power	< 1 W
Microwave module	K-band 24.05 GHz –24.25 GHz
Relay Output	NO or NC
Nominal Power	0.5A 120V AC/ 1A 24V DC
Relay hold time	0.2 sec – 4 sec / factory setting = 1 sec
Temperature range	-20 °C to + 60 °C / -4°F to +140 °F
Water proof rating	IP54
Dimensions	123mm (w) x 65mm (H) x 57mm (D)
Max mounting height	4m
Electromagnetic compatibility	CE according to EMC directive 89/336/EEC
Min detection speed	0.1m/s
Approval	CETECOM, Test Report no: 2-3279-01-01/03

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