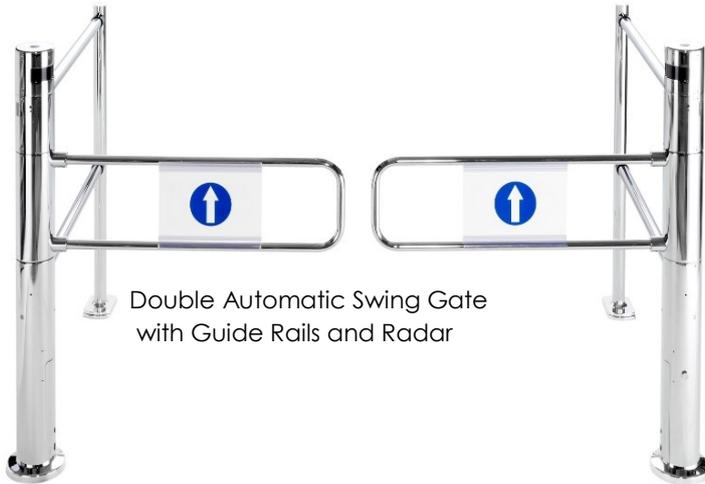


# Sentinel ECO Bi-Directional Swing Gate

Fast opening, safe and secure



Double Automatic Swing Gate with Guide Rails and Radar

*Designed and manufactured in Italy the Sentinel ECO Bi-Directional Swing Gate's unique customisable design and smart features makes it stand out from other conventional pedestrian gates.*

The Sentinel ECO operates in both directions allowing one gate to be used as an entry and exit gate. The gate can be connected to any access control or ticketing system. It can be used as a controlled entry or a free exit gate.

Featuring LED indicator lights in the motor column, radar control and PE safety beams, different types and sizes of arms are available.

With an opening speed of just one second, customer traffic is streamed effortlessly. The SafeGate Technology measures the speed and force of the gate more than 100 times every second! This ensures that every customer makes a gentle transition through the Sentinel ECO Gate and alleviates any worry over customer safety.

## Sentinel ECO Bi-Directional Swing Gate features include:

- **Gate arms:** 900 mm chrome for 1000 mm door opening
- **Handing:** LH, RH and bi directional can all be changed easily on site via the control panel
- **Opening activation:** Radar, PE beams, remote radio, push button
- **Safety:** SafeGate Technology constantly checks the speed and force of the gate
- **Security Warning:** siren alarm if illegal access attempted
- **Emergency exit:** The gate can be opened when 6 kgs of pressure is applied to the arm and the alarm then sounds
- **Power failure:** The gate freewheels when power is lost allowing safe exit
- **Wheelchair access:** Standard arm length is suitable for wheelchair access
- **Hold open time:** Standard time 4 secs - adjustable up to 100 secs
- **On/Off Keyswitch:** The convenient keyswitch allows the gate to be switched off
- **Electrical connection:** 240vac 0.3 amps, connection through base or top of the motor column



## Sentinel ECO Accessories



**Radar:** the most common activation is by a radar mounted at the top of the motor column. This covers an arc of 180° for up to 3 metres. Useful for pedestrians approaching the gate from different directions.



**Photocell or PE beam:** can be used to open the gate where other moving objects are close by that may trigger a radar e.g. automatic door or trolley bay. Can be used in tandem gate systems to prevent someone exiting through the entry gate.



**Roof mounted radar:** can be used where it is not possible to mount the radar on the motor. It can cover a large area and be adjusted to screen out moving doors or people walking across the gate opening.



**Remote control:** allows the gate to be operated remotely from behind a reception desk or by security personnel.

## Common Barrier Rail layouts

All Sentinel ECO swing gates can be supplied as right hand or left hand in either single or double gate format. Barrier rails are 40 mm diameter and are supplied in 1200 mm lengths which can be cut to size on site. Additional posts and rails can also be supplied to suit any application.



Single RH radar



Single radar & safety rails



Double radar back lane



Single RH PE beam

**Posts** The posts are 50 mm in diameter x 1120 mm high. All posts and rails are mirror finish chrome plate.



END post has 2 sleeves to hold rail



MID post has 4 sleeves to hold rail

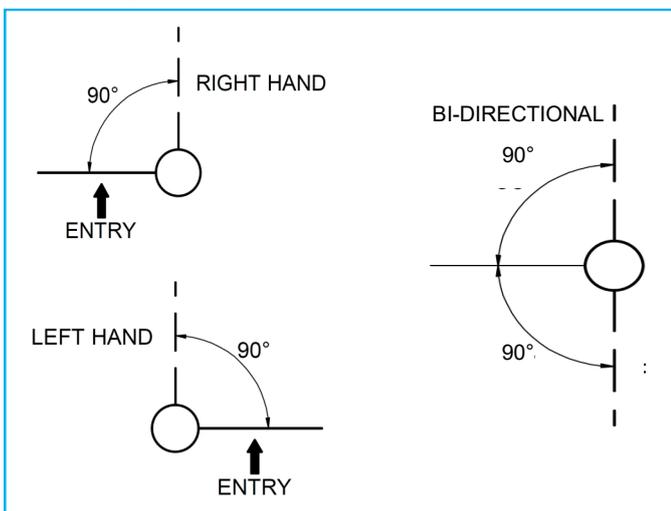


CNR post has 4 sleeves to hold rail



TEE post has 6 sleeves to hold rail

## Handing



## Arms and Signage



Entry Sign

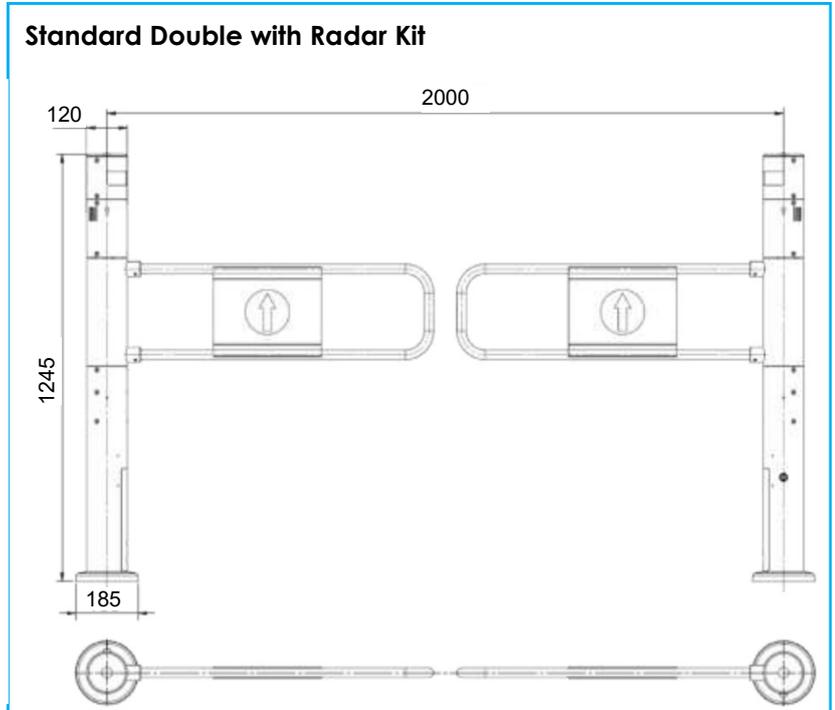
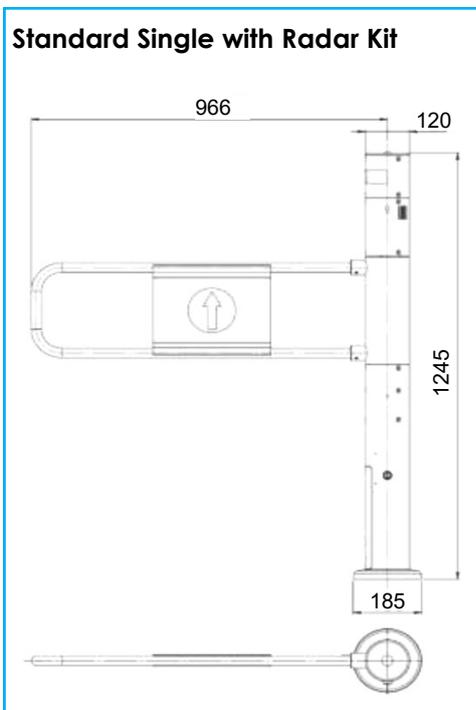
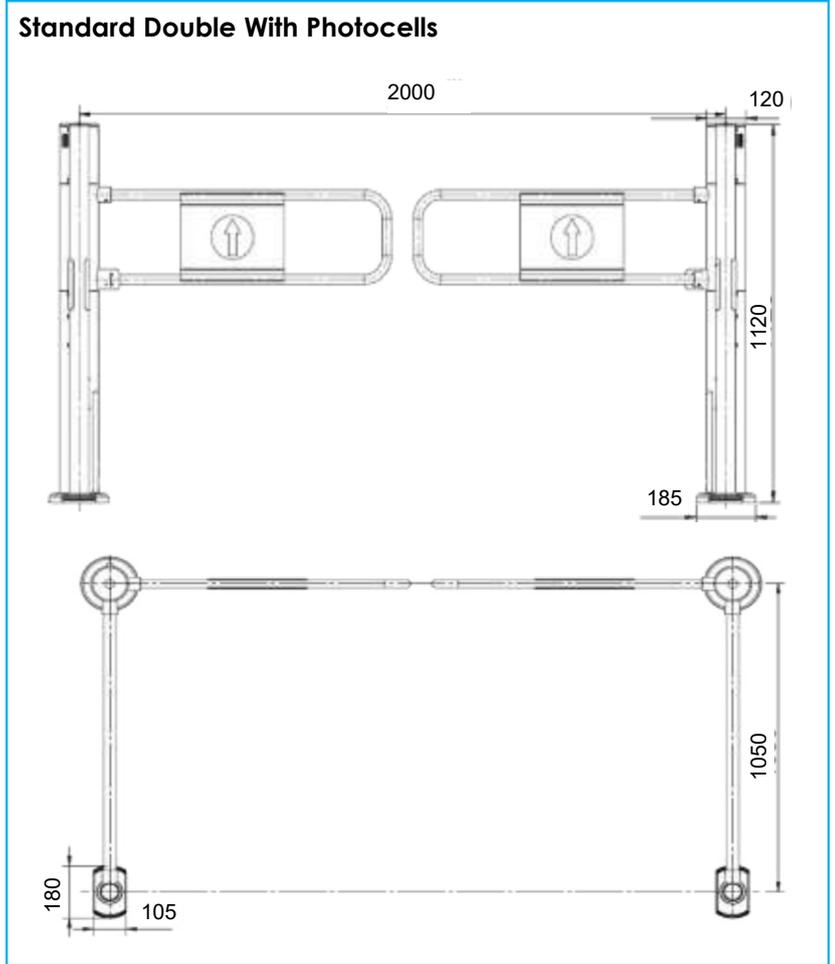
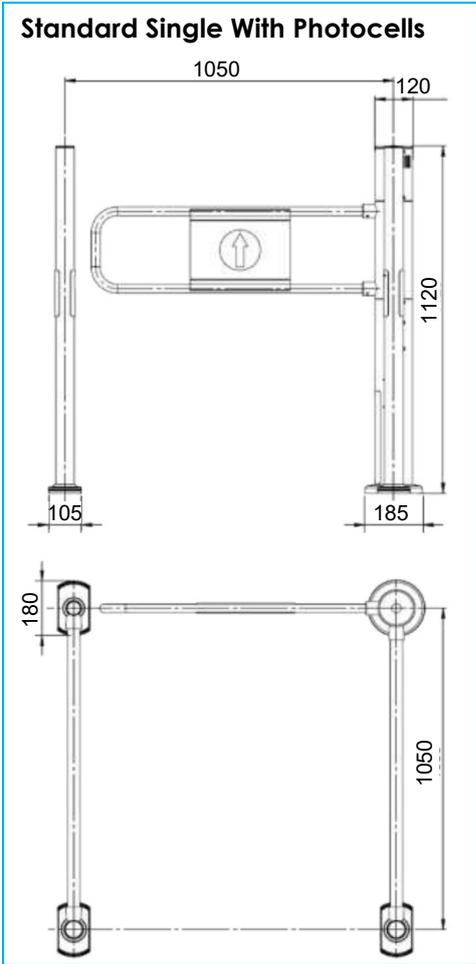


No Exit Sign



Standard U Shape

## Dimensions



Rotech supply all forms of door and gate automation

### Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

### Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

**Fast | Safe | Secure**