

## Sentinel ECO Swing Gate

Fast opening, safe and secure



*Shoplifting from supermarkets, pharmacies, automotive and liquor stores is an ever increasing problem. In fact any retail outlet with high value and easy to conceal items is a target.*

*The most effective way to tackle this is to guide the customers through the pay points using a supermarket gate and guide rails.*

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

**Features include:** different types and sizes of arms, LED indicator lights in the motor column, radar control and PE safety beams.

**Fast, Safe and Secure:** 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.

**Optional Plexiglass Arm:** An optional Plexiglass arm with in-built LED lights that change colour (red & green) is also available.

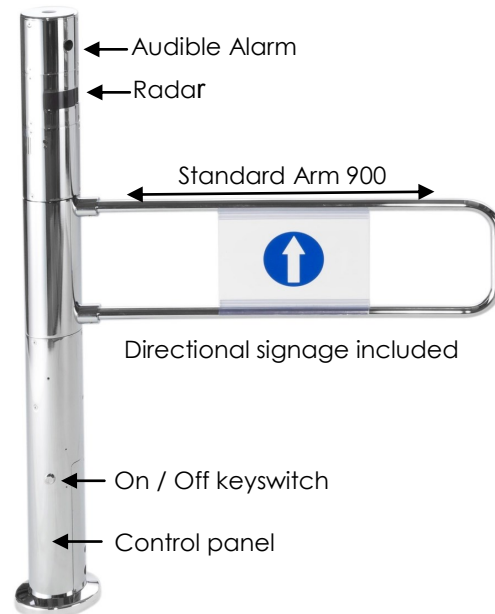
This extremely stylish additional feature will give every customer a very clear indication to either proceed through or stop at the gate. In addition, this state-of-the-art feature will compliment any contemporary and fashionable architectural design scheme.

**Barcode Scanner:** A barcode scanner can be added to a gate that may be placed at a self-checkout counter. It necessitates that the customers scan their receipts before the gates will open, thus preventing the person walking out without paying.

**Easy installation:** This easy to customise and install supermarket gate with multiple additional features is first of its kind in Australia.

## Sentinel ECO Swing Gate features include:

- **Gate arms:** Standard: 900 mm chrome -  
Options: 1200 mm Aluminium arm, Clear Plexiglas or LED illuminated
- **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, bar code scanner
- **Safety:** SafeGate Technology constantly checks the speed and force of the gate
- **Security Warning:** siren or voice message 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 form of activation is by a radar mounted at the top of the motor column and covers an arc of 180 degrees - up to 3 Metres. It is particularly useful if the pedestrians are approaching the gate from different directions. In certain applications it may be necessary to fit two radars.



**Photocell or PE beam:** is used to open the gate instead of radar when there are other moving objects close to the gate that might trigger the radar e.g. automatic door or trolley bay. It is also used in tandem gate systems to prevent the first entrance gate being opened from inside the shop and allowing someone to exit through the entrance.



**LED signal light:** can be used to indicate that the gate is in 'locked' mode and only when it turns green, can the person walk through. A buzzer can also be used instead of or in combination with the LED lights. Another function is to switch on the lights and/or buzzer when someone approaches the entry gate from the wrong side.



**Message broadcast:** The Sentinel Eco has a facility to broadcast up to 4 different messages. These can be used to warn customers that they are trying to exit the wrong way or to thank them for shopping at the store or any similar messages.



**Remote control:** The Sentinel Eco gate can be operated remotely from behind a reception desk or by security personnel who have a hand held radio transmitter.



**Roof mounted radar:** where it is not possible to mount the radar on the motor column a roof mounting radar is an alternative. This can cover a large area and adjusted to screen out moving doors or people walking across the gate opening.

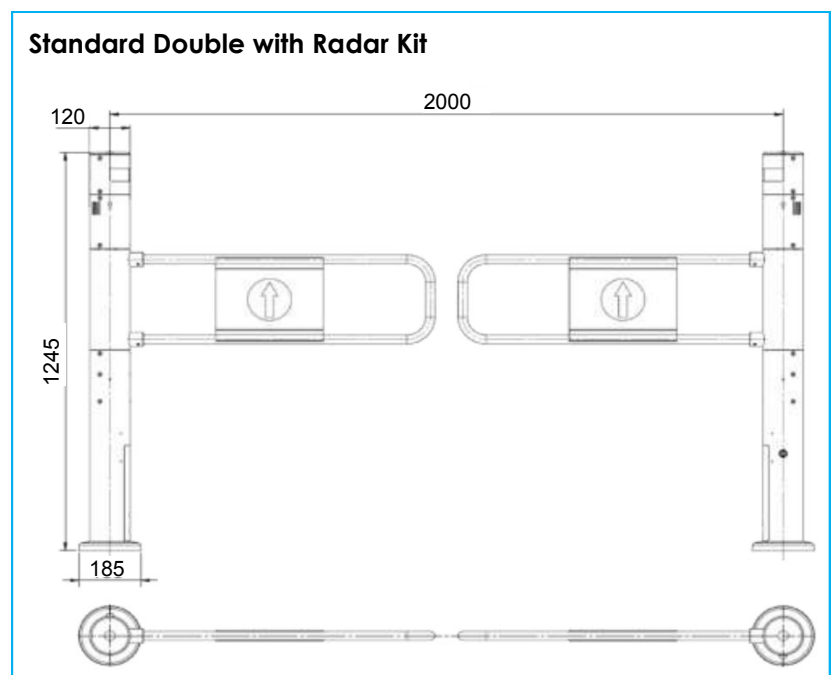
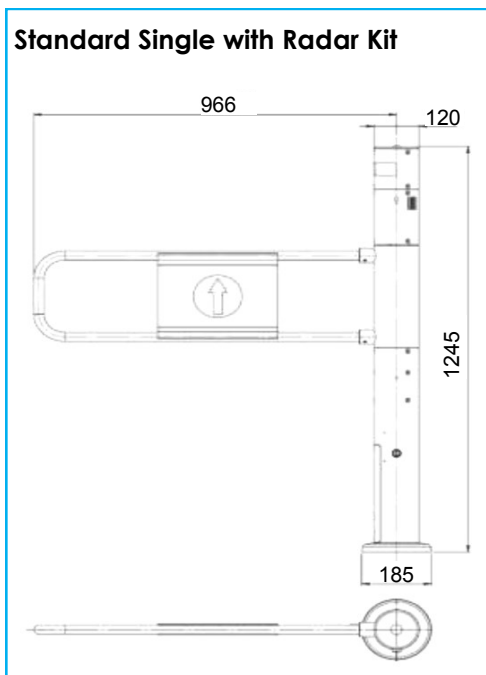


**Bar code reader:** The increase in the use of self-service check outs creates another security problem because there are normally no exit gates. The Sentinel Eco bar code reader system aims to rectify this issue by keeping the exit gate closed. They will only open when a valid receipt is read by the bar code reader.

## Technical Specifications

Specification	Sentinel ECO Swing Gate
Gate arms	Standard 900 mm chrome
Handing	LH or RH and bi directional can all be changed easily on site via the control panel
Safety	SafeGate Technology constantly checks the speed and force of the gate
Security	Warning siren or voice message alarm if illegal access attempted
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## 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**

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# Gate & Barrier Rail Options

## Typical 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 1000 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 radar tandem



Single RH PE beam



Single RH PE beam tandem



Double PE beam back lane

## Posts

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



**END** post has 2 sleeves to hold rail



**MID** post has 4 sleeves to hold rail

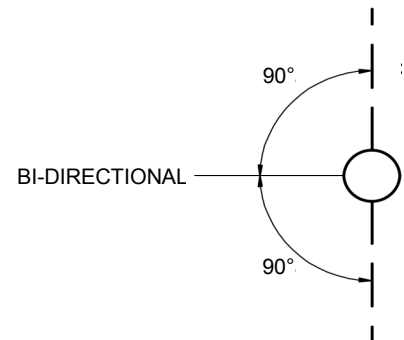
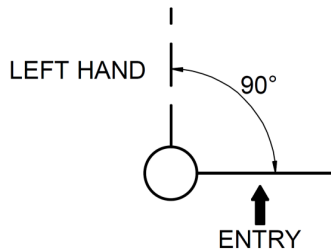
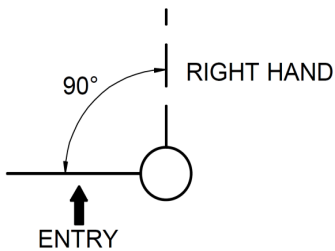


**CNR** post has 4 sleeves to hold rail



**TEE** post has 6 sleeves to hold rail

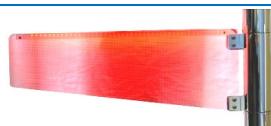
## Handing



## Gate Arms



Standard U Shape



Plexiglass with LED



Entry Sign



No Exit Sign