

# Sentinel SE4 Automatic Boom Gate

100% duty cycle — low cost - 24v brushless digital motor  
simple control set up – 3 year warranty



Recent developments in motor technology means we can now offer a lower cost boom gate without sacrificing performance or quality.

It's smart design reduces the number of mechanical components required while still providing the same functionality suitable for most applications — this boom gate's greatest advantage is its simplicity.

The **Sentinel SE4 Boom Gate** is ideal for high duty cycle sites that do not need the specialised features offered by some of our other products.

This boom gate's streamlined construction results in a low cost, very reliable and simple boom gates requiring minimal maintenance.



Without many of the components that typically fail, such as springs, bearings and mechanical linkages and, after months of extensive testing, we are sufficiently impressed by the gate's performance to offer an extended 36-month warranty on the SE4 automatic boom gate.

### What's in the Cabinet

4 key components:

- ✓ Direct Drive motor
- ✓ Simple PLC controls
- ✓ Power Supply
- ✓ Isolator switch
- ✗ No Mechanical Linkage
- ✗ No Worm Gear
- ✗ No Springs
- ✗ No Limit Switches



**Solar Power Option:** The SE4 boom gates are able to operate on mains power or solar power without any modifications. This allows the boom gate operate in temporary situations, remote locations or areas without ready access to mains power.



**Optional SafePass 5GF Detector:** Another new technology now available is the 5GF microwave sensor that combines the safety aspects of a loop detector and a pedestrian safety beam.

This clever sensor gives a much larger safety detection area than a conventional safety beam or a loop detector and is able to distinguish between vehicles and pedestrians.

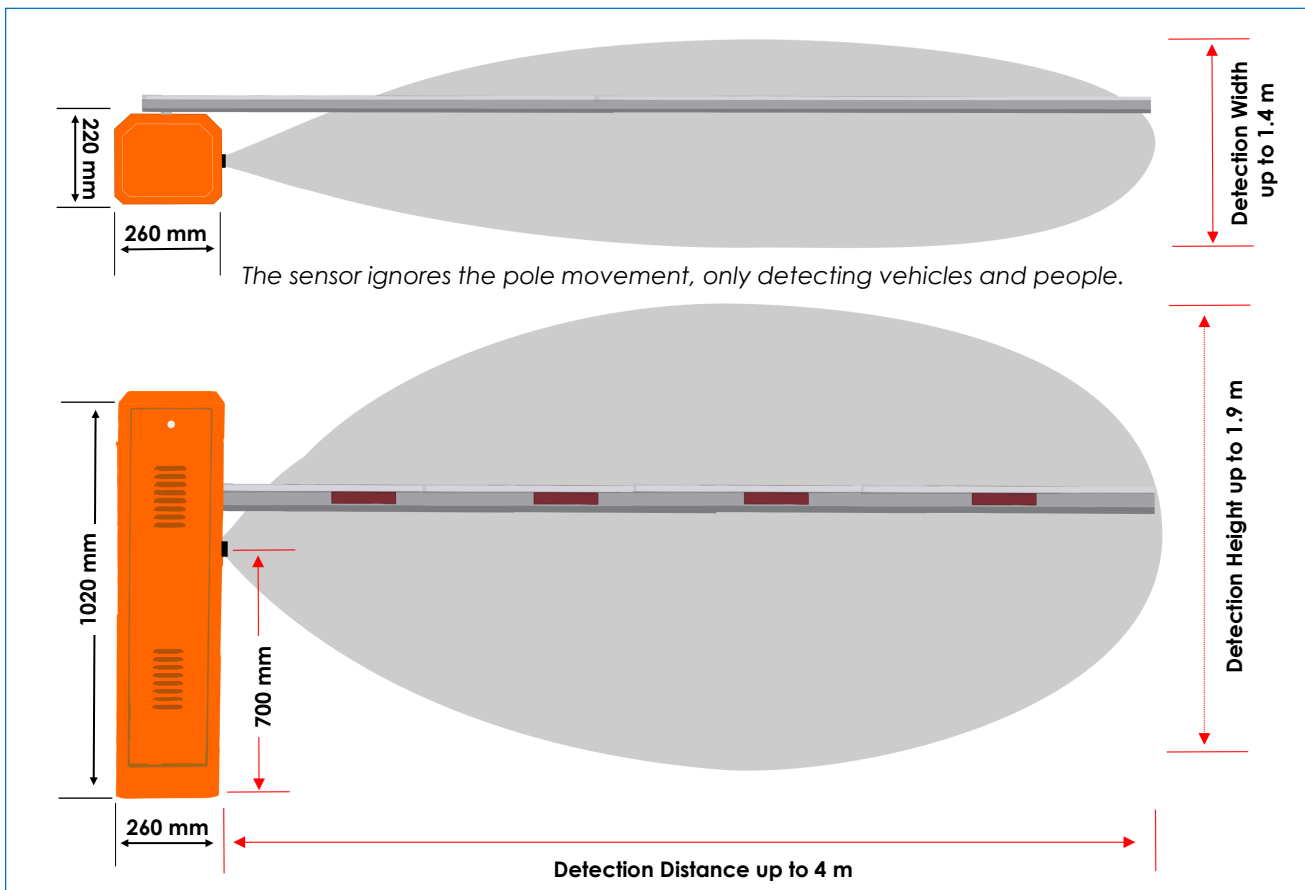
### The Sentinel SE4 Automatic Boom Gates feature

- Solar power as an option for sites without mains power
- The encoder ensures that the safety collision system is accurately controlled
- Easily adjusted opening and closing speeds
- The handing of the boom pole is easily changed - no need to order LH or RH
- Remote radio control is standard and can accept up to 25 remotes
- The SE4 can be controlled by various inputs, access control systems, push button, keypads
- In ground loop detectors and the 5GF microwave sensor are additional safety options.

## Technical Specifications

Specification	SE4 Boom Gate
Input voltage	220 Vac +/- 20%
Working voltage	28VDC /10A
Motor power	250W DC brushless motor
Working temperature	-40°C~80°C
Relative humidity	95% without condensation
Remote control radio frequency	433MHz
Arm length	max 4m (86 x44mm octagonal pole)
Opening speed	2S
Closing speed	3S

## Sentinel SE4 Dimensions (showing 5GF Detection Area)



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