



## CR8SBG - SOLAR BOOM GATE

Create Security's solar boom gates are renowned for their functionality and reliability. Standalone with no external power requirements, solar boom gates are designed for remote areas and locations where mains power and existing utilities are not easily accessible, providing an alternative to traditional 240-volt boom gate options. Powered by a custom built 12vdc motor and gearbox, our solar boom gates are rated for up to 3000 operations per day, with a lifecycle of up to 5 million operations. Battery backup is standard and the gate is configured to operate on solar power without any modifications to the controls.



### Qualifications and Credentials

Create Security holds all mandatory statutory licences and our quality and standards are supported by ISO accreditation and industry memberships.

### Safety and Performance

Create Security systems are engineered with a focus on quality, safety and performance for a solution customers can rely on.

### Experience

With over 25 years experience in the physical security industry, Create Security systems are designed by industry experts and are supported by exceptional service and skilled workmanship.

### Service and Maintenance

Create Security offers highly reliable 24/7 breakdown service and support. Create Security can service and maintain all brands.



Security Providers Licence:  
3251000



QBCC Licence:  
1133023



Master Builders Member:  
64928



ASIS Member:  
312860



ASIAL Member:  
37871







## Features

- **Cabinet Size:** Length 100cm, Width 35cm, Weight 45kg.
- **Cabinet Design:** 2mm zinc primed and UV stable, powder coated and waterproof. The standard cabinet colour is white with a blue top.
- **Manual Control:** if there is a loss of power to the boom gate, the boom arm can be lifted easily by hand and locked in the open or closed position.
- **Installation:** boom gate system is elevated off the ground and non-shrink grout is applied under the base for water proofing and vermin control.
- **Access Control:** 2 x remote controls included as standard, other optional extras available.

## Safety Devices

- **Lever linkage arm system** locks the boom at both end positions.
- **Automatic boom arm raise** in the event of power failure or fire alarm.
- **Photoelectric Beams:** curtain array photoelectric beams will prevent the boom arm lowering on vehicles or pedestrians if they are below the boom arm during the close cycle. This is an important safety feature where pedestrian safety is paramount.
- **Audible Buzzer:** an audible alert signifying that the boom arm is in operation.
- **Amber LED Flashing Light:** a visual alert showing that the boom arm is in operation.

## Motor

- 80w geared motor.
- 100% duty cycle.
- **Voltage:** 24 volt/DC.
- **Frequency:** 50 Hz.
- **Power Consumption:** 80 Watts.

## Boom Arm

- **Size:** 3.0m - 5.7m.
- **Open/Close Time:** 2.7-5 seconds.
- **Profile:** octagonal telescopic aluminum pole.
- **Fitting:** can be fitted to either the right or left hand side of the boom gate cabinet.
- **Colour:** white with reflective safety markers.
- **Support Post:** supports the weight of the boom arm when in the closed position.

## Optional Extras

- **LED Safety Lights:** visual red/green LED light bars can be added as a visual aid to assist with traffic flow. The red light stays on when the boom arm is down, and the green light is activated when the boom gate is opened.
- **Free To Exit Loop:** when a vehicle is detected to be exiting the car park, the boom arm will immediately open and will automatically close once the vehicle is no longer detected.
- **Magnetic Lock:** 100kg magnetic holding force to reduce the risk of unauthorised entry or exit by lifting or bending the boom arm.