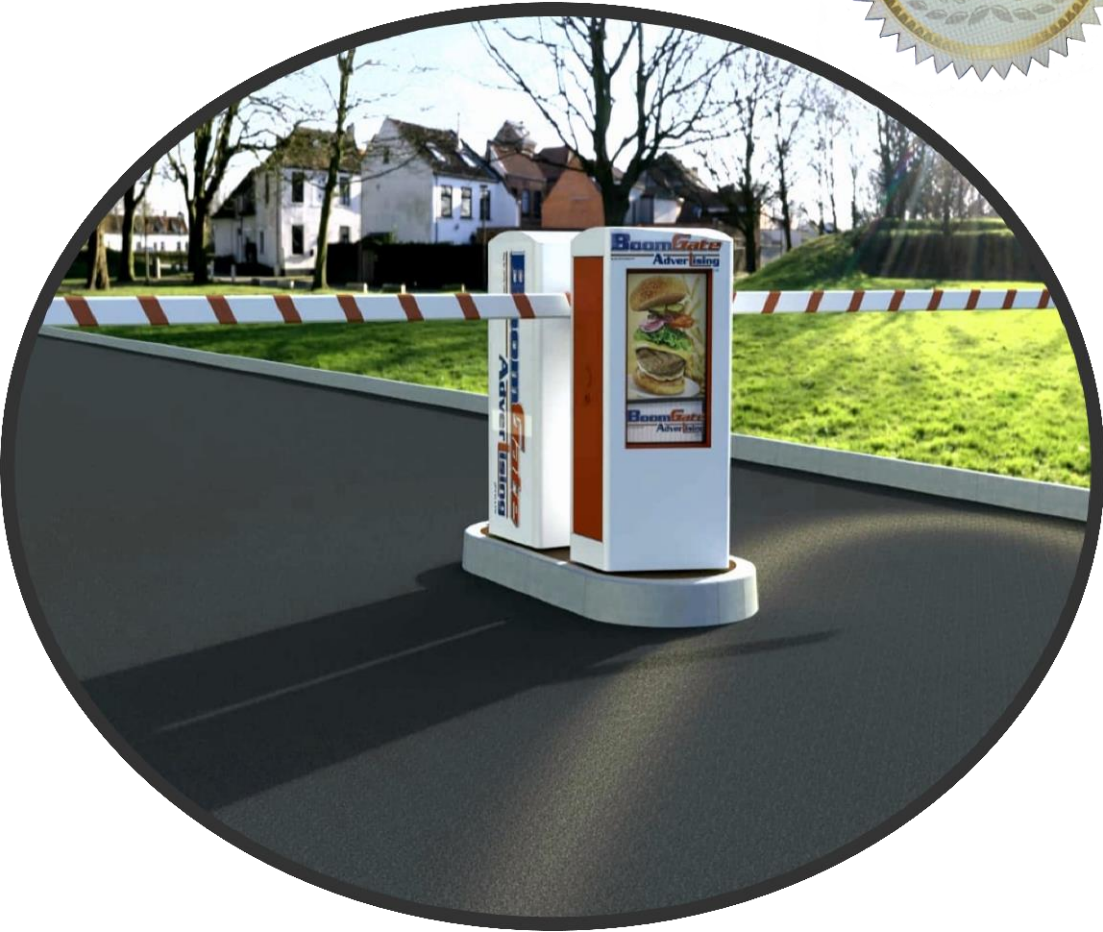


GENIUS ELECTRONIC ADVERTISING BARRIER



BoomGate[®]
Systems (PTY) LTD

Reg.No. 98/23505/07 Engineering Access Control



GENIUS ELECTRONIC ADVERTISING BARRIER



MARKET LEADER

- New , innovative Electronic Advertising Barrier
- Direct prime advertising
- Generate additional income
- Patented design

APPLICATIONS

- Parking Garages
- Airports
- Casinos
- Convention Centres
- Shopping Centres
- Hotels
- Office Parks
- Theme Parks
- Stadiums
- Golf & Residential Estates
- Any applications where vehicle access needs to be controlled

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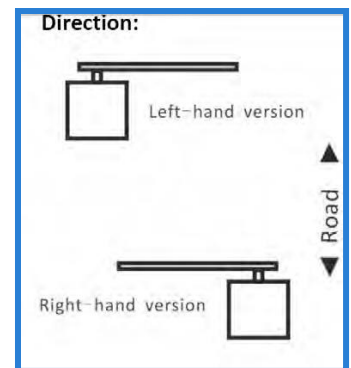
DESIGNED FOR

- Outdoor Electronic Advertising
- Screen display size: 610mm (H) x 370mm (W)
- To control vehicle access in and out of premises.
- Can interface with any existing access control or ticketing system.



CONFIGURATIONS

- Available from 2.5m – 4.5m.
- Left hand and right hand configurations
- Jack-knife Kit for height restricted areas



FEATURES

- Available from 2.5m – 4.5m.
- Left hand and right hand configurations available
- Cabinet is aesthetically pleasing with a vandal proof design. The Cabinet Door is complete with a 4-way locking mechanism with an ultra high security lock.
- Cabinet is available in mild steel powder coated or brushed stainless steel.
- The Electronic Display Screen is angled to face the driver for maximum visibility and is protected with a high impact resistant material.
- Has multiple operation modes: single entry or multiply entries.
- On power failure the boom can be raised manually by hand.
- It has two current outputs suitable to connect devices such as traffic lights.
- Lightning protection: Anti-surge 3000V, 4000V pulse
- Boom arm monitoring – tamper alarm triggered when boom arm is forced opening.
- Compatible with infra red, radar or other loop detectors.

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TECHNOLOGY

- 30V low voltage Servo DC motor system – robust and reliable.
- Rare-earth permanent magnet BLDC motor – compact design with big torque.
- Sine wave vector control system controls torque or speed accurately.
- Micro Controller Unit operates smoothly – no noise and vibration.
- Opening and closing speed is adjustable.
- Barrier is locked with magnetic brake in the open and close position.
- Parameters can be set up by a Mobile Application using blue tooth .
Controlled by Application on Android Phone.
- Barrier arm operates directly from motor – no linkages, control mechanism nor springs required.
- Boom Arms come standard with breakaway mechanism to eliminate damage to barrier.

WARRANTY

- Warranty is 1 year for Electronics and Motor



TECHNICAL SPECIFICATIONS

- Voltage: 220V AC/ 30V DC.
- Frequency: 50Hz
- Motor power consumption: 250W
- Working temperature: -30°C – 80°C
- Torque: 60Nm, maximum is 70Nm
- Insulation class: F
- Shaft diameter: 24mm
- Opening speed: 1 sec – 4 sec
- Motor has 100% duty cycle with an estimated 3 mio mean time between failures.
- Control logic programmable via android phone application.
- Cabinet dimensions: (W) 516mm x (H) 1200mm x (L) 641mm
- Display size: (H) 610mm x (W) 370mm

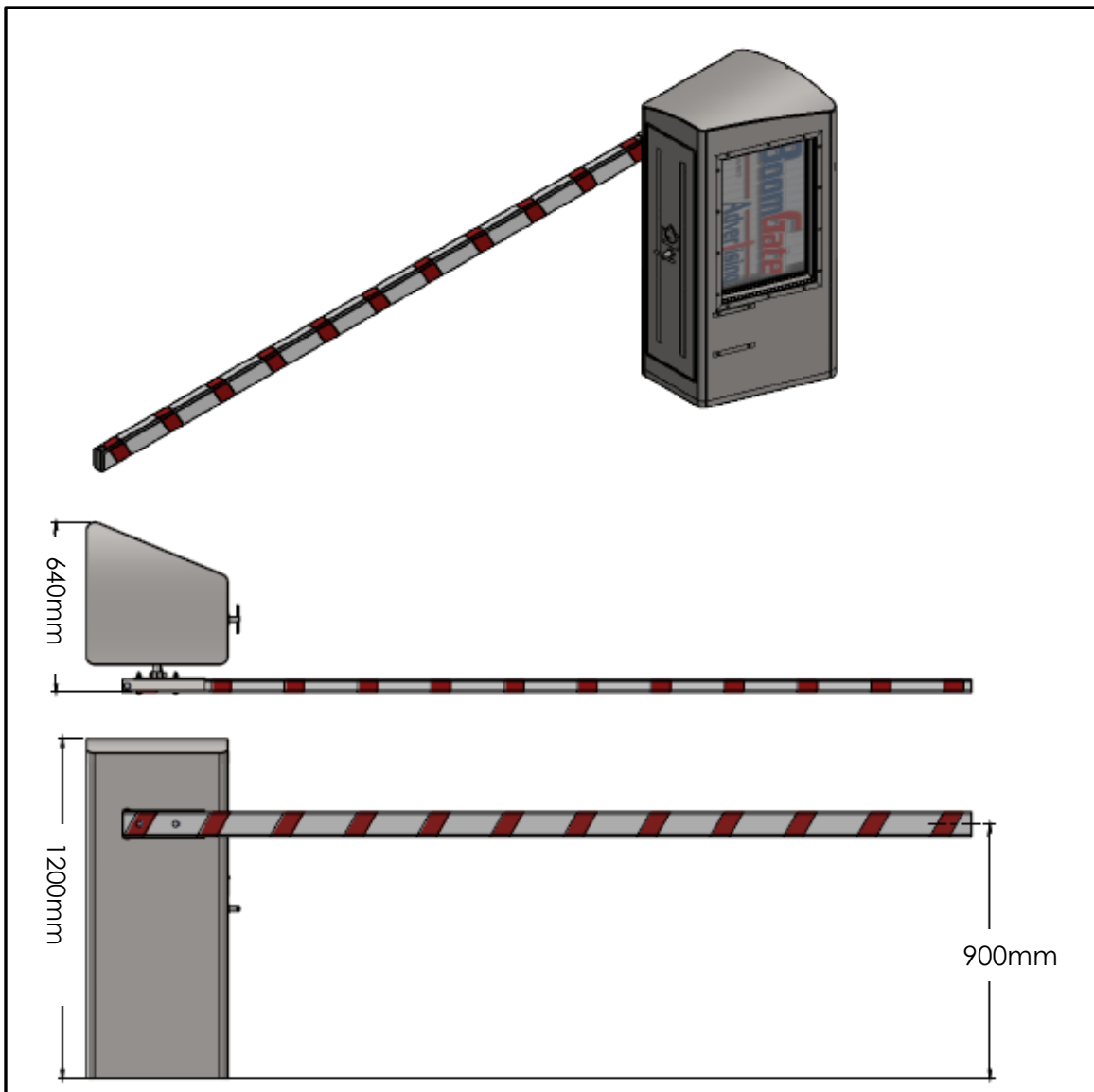


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PACKAGING SPECIFICATIONS

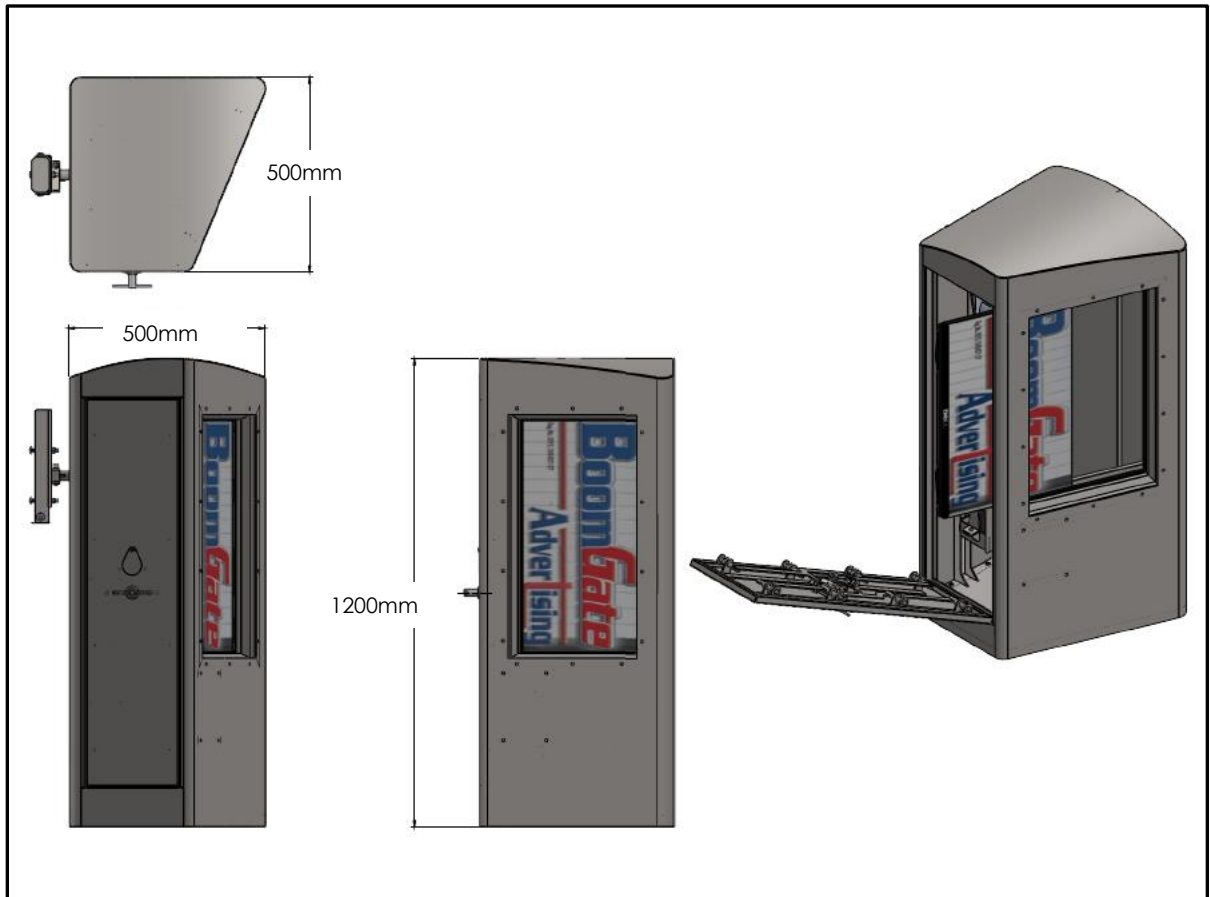
- Cabinet: (H) 1250mm x (W) 570mm x (L) 800mm
- Weight: 60kg

CABINET DIMENSIONS



GENIUS ELECTRONIC ADVERTISING BARRIER

CABINET DIMENSIONS



Manufacturers & Suppliers of:

- Traffic Barriers • High Security Spike Barriers • Road Blockers • Turnstiles • Security Booths
- Pedestrian Barriers • Paraplegic Gates • Speed Gates • Bollards • Goosenecks • Magnetic Locks • Metal Enclosures • Rubber Islands

www.boomgatesystems.co.za

JOHANNESBURG BRANCH Tel: +27 11 674 4441 • Fax: +27 11 674 4450 • Email: boomgate@global.co.za
18 Minerva Avenue, Leaglen, Florida, Roodepoort, SOUTH AFRICA

CAPE TOWN BRANCH: Tel: +27 21 551 0849 • Fax: +27 21 551 8627 • Email:
salesct2@boomgatesystems.co.za

Unit 2 Crest Park, 12B Longclaw Drive, Montague Gardens, Cape Town, SOUTH AFRICA