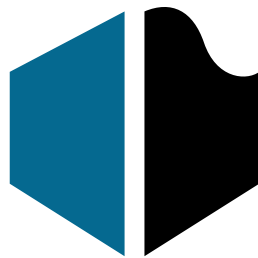


Complete Perimeter Security



GATEWAYAUTOMATION



Gateway Automation Ltd. is a nationwide manufacturer and installer of **perimeter security systems** and devices.

We undertake civil and electrical site preparation and automate existing **perimeter security devices** and equipment throughout the UK.

Gateway Automation's headquarters are conveniently located in the East Midlands and we have over 40 years combined experience and expertise.

Our customers include:

- Hotel & Leisure
- Construction & Property Management
- Banking & Finance
- Commercial & Retail Centres
- Transport, Ports & Distribution
- Government & Defence
- Criminal Justice (Law Courts etc)
- Universities, Colleges & Schools

We offer value for money service with well engineered quality perimeter security systems manufactured to your custom specifications.

For total peace of mind we offer nationwide maintenance contracts on our own products and on existing equipment made by other manufacturers.

Whether your business runs from small retail premises or a large industrial site Gateway Automation can provide you with a free, no obligation quotation and feasibility survey to assess your perimeter security requirements.

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GA6000 Automatic Barriers





GA6000 Automatic Barriers

The **GA6000 Automatic Barrier** range is produced by Gateway Automation Ltd, the leading manufacturer of Automatic barriers in the UK. Our designs use the latest technology to maintain the barriers smooth operation, via an integral Telemecanique inverter driven motor and gearbox drive, which only requires a single phase supply, providing a smooth consistent operation.

It is controlled by a Telemecanique PLC Control Board, which can be programmed to suit any form of access control requirements, therefore allowing speedy installation and no return visits to modify the programmes.

The power input to our automatic barrier is 230v controlling a three phase motor, hence enables us to offer reliability and high torque. With this control panel and gearbox design, we do not require any springs or counterweights to assist in the operation of the barriers.

Our aluminium externally placed control cabinet has been designed to stand out from the rest. Its sleek looks are achieved by investing heavily into aluminium extrusions, which ensures product longevity, making it look as good as the day it was installed.



GA6000S Automatic Barrier

- Removable cast aluminium hood
- **SINGLE** phase supply, 3 phase motor
- Motor & two stage gearbox direct drive
- Inverter driven
- Adjustable speed, acceleration and deceleration
- No springs required or counterweights
- Pre-wired loop detector bases for single channel safety and entry/exit control
- Heavy duty roller plunger limit switches
- Programmable Logic Control - c/w fault diagnostic on screen display
- Manual override in case of power failure
- Comes complete with M12 anchor shield bolts
- 1.5 Amp power supply for additional access control

Added benefits

- Corporate colours available on request
- Low maintenance
- Ease of installation
- Heavy duty pillar block bearings



Optional Extras:

Articulated Arm (Low Ceilings)
 Pogo tip support
 LED Boom lights
 Magnetic lock
 Lorry Height Stop/No Entry signs
 Sensing safety edges
 Folding Bottom Skirt up to 4.5m

Options for access control:

Keypad
 Proximity Cards
 Photo Cells
 Voice/Video Intercom Access
 Token Acceptors
 Remote Control Fobs
 Key Switch
 Loop Detectors



GA6000S Automatic Barrier



TECHNICAL SPECIFICATION

Specification	Accessories
CE Approved (Conforms to BS6571)	Pre-Wired Loop Detector Bases
Maximum Boom length	Control Panel
6.0 Metres	TELEMECANIQUE PLC & INVERTER
Boom Diameter	Auxiliary Power
86mm x 60mm Oval	1.5 Amp 24v Supply
Opening/closing time	Fixings
2.0 – 6.0 Seconds (adjustable)	M12 Anchor Shield Bolts Included
Drive Unit	Spring-Counterweights
3 Phase Motor & Wormed Gearbox	NOT REQUIRED
Power Supply	Finish
SINGLE Phase 230v, 50Hz, 5 Amps	Aluminium cabinet & lid, Powder Coated
Cycles	Settings
100% Continuous Duty Rating	Programme Configuration as Standard Adjustable Acceleration and Deceleration
Dimensions	
382mm x 359mm x 980mm	



GA6000L Automatic Barrier



- Removable cast aluminium hood
- **SINGLE** phase supply, 3 phase motor
- Motor & two stage gearbox direct drive
- Inverter driven
- Adjustable speed, acceleration and deceleration
- No springs required or counterweights
- Pre-wired loop detector bases for single channel safety and entry/exit control
- Heavy duty roller plunger limit switches
- Programmable Logic Control - c/w fault diagnostic on screen display
- Manual override in case of power failure
- Comes complete with M12 anchor shield bolts
- 1.5 Amp power supply for additional access control

Added benefits

- Corporate colours available on request
- Low maintenance
- Ease of installation
- Heavy duty pillar block bearings

Optional Extras:

Articulated Arm (Low Ceilings)
 Pogo tip support
 LED Boom lights
 Magnetic lock
 Lorry Height Stop/No Entry signs
 Sensing safety edges
 Folding Bottom Skirt up to 6.0m

Options for access control:

Keypad
 Proximity Cards
 Photo Cells
 Voice/Video Intercom Access
 Token Acceptors
 Remote Control Fobs
 Key Switch
 Loop Detectors



GA6000L Automatic Barrier



TECHNICAL SPECIFICATION

Specification	Accessories
CE Approved (Conforms to BS6571)	Pre-Wired Loop Detector Bases
Maximum Boom length	Control Panel
7.0 Metres	TELEMECANIQUE PLC & INVERTER
Boom Diameter	Auxiliary Power
86mm x 60mm Oval	1.5 Amp 24v Supply
Opening/closing time	Fixings
2.0 – 7.0 Seconds (adjustable)	M12 Anchor Shield Bolts Included
Drive Unit	Spring-Counterweights
3 Phase Motor & Wormed Gearbox	NOT REQUIRED
Power Supply	Finish
SINGLE Phase 230v, 50Hz, 5 Amps	Aluminium cabinet & lid, Powder Coated
Cycles	Settings
100% Continuous Duty Rating	Programme Configuration as Standard Adjustable Acceleration and Deceleration
Dimensions	
382mm x 359mm x 980mm	



GA6000HD Automatic Barrier

- Removable cast aluminium hood
- **SINGLE** phase supply, 3 phase motor
- Motor & two stage gearbox direct drive
- Inverter driven
- Adjustable speed, acceleration and deceleration
- No springs required or counterweights
- Pre-wired loop detector bases for single channel safety and entry/exit control
- Heavy duty roller plunger limit switches
- Programmable Logic Control - c/w fault diagnostic on screen display
- Manual override in case of power failure
- Comes complete with M16 anchor shield bolts
- 1.5 Amp power supply for additional access control

Added benefits

- Corporate colours available on request
- Low maintenance
- Ease of installation
- Heavy duty pillar block bearings

Optional Extras:

Pogo tip support
LED Boom lights
Magnetic lock
Lorry Height Stop/No Entry signs
Sensing safety edges
Folding Bottom Skirt up to 8.0m

Options for access control:

Keypad
Proximity Cards
Photo Cells
Voice/Video Intercom Access
Token Acceptors
Remote Control Fobs
Key Switch
Loop Detectors





GA6000HD Automatic Barrier



TECHNICAL SPECIFICATION

Specification	Accessories
CE Approved (Conforms to BS6571)	Pre-Wired Loop Detector Bases
Maximum Boom length	Control Panel
9.0 Metres	TELEMECANIQUE PLC & INVERTER
Boom Diameter	Auxiliary Power
115mm x 80mm	1.5 Amp 24v Supply
Opening/closing time	Fixings
4.0 – 10.0 Seconds (adjustable)	M16 Anchor Shield Bolts Included
Drive Unit	Spring-Counterweights
3 Phase Motor & Wormed Gearbox	NOT REQUIRED
Power Supply	Finish
SINGLE Phase 230v, 50Hz, 5 Amps	Aluminium cabinet & lid, Powder Coated
Cycles	Settings
100% Continuous Duty Rating	Programme Configuration as Standard Adjustable Acceleration and Deceleration
Dimensions	
474mm x 454mm x 980mm	



GA9000 Automatic Sliding Gate





GA9000 Automatic Sliding Gate

Where the use of conventional swinging gates are not feasible due to space restrictions, the GA9000 Automatic Cantilevered Sliding Gate by Gateway Automation is an easy to install, ideal solution.

Established as one of the UK's leading manufacturers of high quality manual and automatic sliding cantilever gates, Gateway Automation manufacture in-house to your individual requirements ensuring the highest level of quality and customer satisfaction. We offer a bespoke service from design to manufacture where we can supply a custom built gate to match existing fencing/surroundings ensuring that the finished product is exactly what is required.

The standard round tube infill can be replaced by a variety of infill options including D or W profile palisade pales, timber panels, solid sheeting and various mesh panels to integrate perfectly with all fence types.

The cantilever design means that the gate is supported from one end as it opens and closes, so there is no need for a track to be fitted across the entrance. With "no track required" installed across the gate opening, a single leaf cantilever gate can span widths of up to 10m and be installed on uneven ground, over block-paving, grass, gravel or even water.

The gate glides on two sets of support/guide rollers, fixed to a concrete foundation, hidden within the main lower beam extrusion protecting them from the elements ensuring a reliable, smooth and virtually silent operation.

BS/EN 12453 COMPLIANT



GA9000 Automatic Sliding Gate

The **GA9000 Automatic Cantilever Sliding Gate** complies with BS/EN 12453 (the current legislation ALL automated gates must comply with). We fit as standard a number of safety devices. The gate portal is fitted with dual height photocells and 6 Category 3 monitored live safety edges.

The gate is controlled by a purpose made controller, **single** phase supply, via an inverter controlled output to a 3 phase motor. This can be configured very easily for all the standard program modes including no passage time outs & free exit and entry loops to name a few. As standard the control panel can accommodate pedestrian open signals, airlock systems and much more. The gate's movement is controlled via a rack & pinion system monitored by an encoder. This allows for a precise and controlled operation that is robust and dependable.

The best feature of our gates is that they are fully assembled ready to bolt down and as soon as they are commissioned they are compliant to all standards. This minimises disruption on site and leaves a beautifully finished product which will serve for many years.

The gates are constructed from hi-grade aluminium which is extremely rigid and will not rust for many years to come.

Optional Extras:

- Razor Wire Extensions
- Electric Fence
- Anti-Climb Spikes
- Traffic Lights
- Warning Siren
- Timber Infills
- Louvre Infills

Options for access control:

- Keypad
- Proximity Cards
- Voice/Video Intercom Access
- Token Acceptors
- Remote Control Fobs
- Key Switch
- Loop Detectors



GA9000 Automatic Sliding Gate



TECHNICAL SPECIFICATION

Specification

CE Approved BS/EN 12453

Maximum Span

10 metres Drive-Through

Maximum Height

2.4 metres (max. width 10.0m)

3.0 metres (max. width 8.0m)

Drive Motor

0.55KW's 3 Phase

Operation

Rack & Pinion

Power Supply

SINGLE Phase 230v, 50Hz, 5 Amps

Duty Cycles

100% Continuous Duty Rating

Colours

All RAL Colours Available



GA9000M Manual Sliding Gate

The **GA9000 Cantilever Manual Sliding Gate** is a cost effective, low maintenance and effective way of manually controlling access to unauthorised areas.

The internal roller mechanism ensures a smooth and consistent ease of operation providing a durable and efficient service for years to come.

Optional spikes line the top of the gate to deter intruders. The 6mm wall thickness, evenly spaced individual aluminium bars fitted as standard, further add to the sturdy appearance. A heavy duty locking mechanism as standard will give you peace of mind in the knowledge that the lock is as tough and secure as the gate.

The manual gates share the same flexibility as the automatic range offering a vast choice of infills such as palisade, mesh and custom infills, which can be easily applied to the gate frame if the standard tubular bar is not suitable for the environment.

The gate is delivered as a complete unit and lowered on to pre-installed concrete plinths.

TECHNICAL SPECIFICATION	
Specification	CE Approved BS/EN 12453
Maximum Span	10 metres Drive-Through
Maximum Height	2.4 metres (maximum width 10.0m) 3.0 metres (maximum width 8.0m)
Finish	2K Acrylic
Operation	Manual
Colours	All RAL Colours Available
	250mm x 225mm extruded aluminium beam Infill - 30mm dia. x 6mm wall thickness



GA9600 Automatic Swing Gate

The **GA9600 Automatic Swing Gates** comply with BS/EN 12453 (the current legislation ALL automated gates must comply with). We fit as standard a number of safety devices, including dual height photo cells and Category 3 safety edges.

As standard, they are designed to be cast in to the ground when installed but also can be ordered to be bolt down if required.

The very neat precise housing design accommodates the control panel within the column. This gives a smooth finished appearance unlike other automated systems which often have an additional obtrusive housing.

The gates are controlled by a purpose made controller, **single** phase supply, via an inverter controlled output to a 3 phase motor. This can be configured very easily for all the standard program modes including no passage time outs & free exit and entry loops to name a few.

The best feature of our gates is that they are fully assembled ready to bolt down and as soon as they are commissioned they are fully compliant to all standards. This minimises disruption on site and leaves a beautifully finished product which will serve for many years.

TECHNICAL SPECIFICATION

Specification

CE Approved BS/EN 12453

Maximum Spam

8 Metres Drive-Through

Maximum Height

3 Metres

Finish

Zinc plated and polyester powder coated

Power Requirement

SINGLE phase 240Volt 50Hz 10 amp

Drive Motor

3 phase motor and wormed gearbox

Duty Cycles

100% Continuous Duty Rating

Operation Time

4 - 8 seconds (dependant on version)



GA9500 Bi-Folding Trackless Speed Gate

The **GA9500 Bi-Folding Trackless Speed Gates** are the ideal solution where speed of opening and closing is essential or where space is at a premium.

The GA9500 bi-folding trackless speed gates typically open at more than twice the speed of a traditional swinging gate of the same size which ensures a fast throughput of traffic whilst maintaining security of the site.

The GA9500 utilises a PLC controlled, inverter driven **single** phase power, supplying a 3 phase motor, worm and wheel gearbox with a direct-drive shaft connected to the gate leaf, which ensures a smooth and positive movement. GA9500 speed gates are rated for 100% duty cycle i.e. continuous operation.

The gates are manufactured using a RHS steel frame and CHS tubular steel infills.

A wide range of alternate infills are available to suit customers requirements and to match adjoining fencing design. Also available are spiked tops, warning lights and sirens if required.

The gates are supplied with a control cabinet which is mounted in the main pillar of the gate.

Optional Extras:

- Razor Wire Extensions
- Electric Fence
- Anti-Climb Spikes
- Traffic Lights
- Warning Siren
- Timber Infills
- Louvre Infills

Options for access control:

- Keypad
- Proximity Cards
- Photo Cells
- Voice/Video Intercom Access
- Token Acceptors
- Remote Control Fobs
- Key Switch
- Loop Detectors



GA9500 Bi-Folding Trackless Speed Gate



TECHNICAL SPECIFICATION

Specification

CE Approved BS/EN 12453

Maximum Spam

8 Metres Drive-Through

Maximum Height

3 Metres

Finish

Zinc plated and polyester powder coated

Power Requirement

SINGLE phase 240Volt 50Hz 10 amp

Drive Motor

3 phase motor and wormed gearbox

Duty Cycles

100% Continuous Duty Rating

Operation Time

4 - 8 seconds (dependant on version)



GA4000FH Full Height Turnstile

The **GA4000 Full Height Turnstile** range is a high specification turnstile, suitable for controlling access in environments such as reception areas, health clubs, theme parks, public buildings and stadiums.

Constructed from mild or stainless steel for long lasting and maintenance free performance, the GA4000 offers a comprehensive range of basic features to suit individual client requirements, including 90° or 120° rotor assemblies, canopies, down lights and fire alarm activation (to engage free rotation).

Turnstiles can be configured as bi-directional or single direction only. They are available with straight arm as standard or optional trombone arm. The GA4000 turnstile range is available in single or double according to your requirements.

Options also extend to varying height configuration, again tailored to suit your needs.

Optional Extras:

- LED Down lights
- Canopy
- Directional Indicators
- Bespoke Access Control Plates
- 3/4 Height Turnstiles
- Stainless Steel Rotors
- Galvanized

Options for access control:

- Keypad
- Proximity Cards
- Voice/Video Intercom Access
- Token Acceptors



GA4000FH Full Height Turnstile



TECHNICAL SPECIFICATION

Specification

CE Approved

Flow Rate

15 to 22 person per min in single direction

Finish

Epoxy Primer & Polyester powder coated

Power Requirement

Single phase 240Volt 50Hz 5 Amps

Dimensions

Single 1280mm x 1400mm x 1790mm

Double 2580mm (2450) x 1400mm x 1790mm

Duty Cycles

100% Continuous Duty Rating

Sizes

Rotor: 76mm Ø tube with bottom support bearing

Arms: 42mm Ø tube with capped ends

Side frames: 33mm Ø tube welded to curve base plate



GA8000 Automatic Rising Kerb

The **GA8000 Automatic Rising Kerb** is tough, reliable and un-compromising, providing the perfect solution for prevention of unwanted vehicle access in both manned and unmanned vehicle parking areas. The GA8000 also provides an excellent deterrent against the most determined intruder.

It is manufactured from welded rectangular hollow section frame and chequered top plate. It also features an advanced hydraulic power pack to raise and lower the unit smoothly. A state of the art programmable logic controller coordinates the hydraulics, access control and traffic light signalling system.

Available in widths of 2.0 to 5.0 metres and three heights for varying security levels. 340mm height for cars & vans, 500mm height for high security & 800mm height ultimate security against HGVs.

The rising kerbs are fully automatic and utilise the high quality hydraulic technology, meaning a long durable life requiring minimal maintenance.

Optional Extras:

- LED Traffic Lights
- Warning Siren
- Battery Back-up
- Warning Signage

Options for access control:

- Keypad
- Proximity Cards
- Photo Cells
- Voice/Video Intercom Access
- Token Acceptors
- Remote Control Fobs
- Key Switch
- Loop Detectors
- Remote Control Fobs



GA8000 Automatic Rising Kerb



TECHNICAL SPECIFICATION

Specification

CE Approved

Height

340mm / 500mm / 800mm

Length

Available in Half-Width sizes from 2 - 5metres

Power Requirement

Single phase 240volts 50Hz 10 Amps

Weight Capacity

Maximum 12 tonnes on Standard Kerbs

Finish

Galvanized - 25K Acrylic in Yellow & Black

Operation Time

4.0-6.0 seconds

Product Description

- Hydraulic Operation
- Galvanised Steel
- Emergency Lower Action Incorporated as Standard



GA10000 Automatic Crash Tested Rising Kerb





GA10000 Automatic Crash Tested Rising Kerb



The **GA10000 Shallow-Mounted Road Blocker** has been designed to prevent the threat of potential terrorist attacks where high security is required.

Crash tested at Mira (Motor Industry Research Association) the test was a great success, passing 100% with "0" penetration and still operational after impact.

With only 400mm depth required to install the blocker, this is an ideal solution where there is potential exposure to services below ground, such as electrics, gas, water etc.. plus is also cost effective when installing. The fully raised height of the blocker is 1050mm

The GA10000 is driven via a hydraulic 7.5kw power pack with inverter/plc controls which requires a three phase supply.

The controls are designed to accommodate all types of access control.



GA10000 PAS68/K8 - 40mph/65kph

TECHNICAL SPECIFICATION

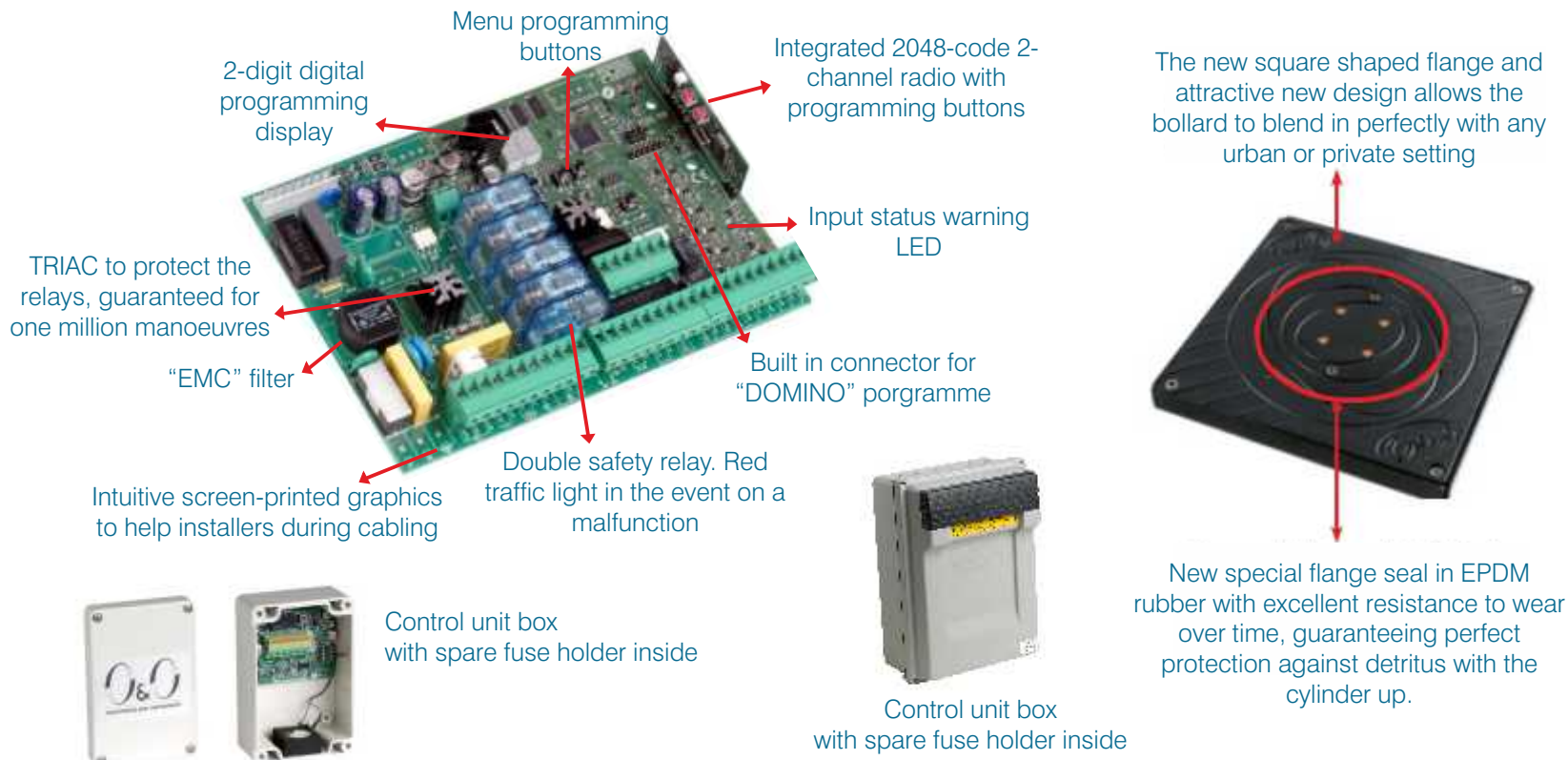
Test Results	Penetration	Durability
PAS 68/K8 - 40mph/65kph	0% Penetration	After crash test kerb was still operational
Raised Height	Axle Loadings	Safety/Security
1050mm	30 tonnes	Safety Loops (optional)
Depth	Duty Cycle	Power Requirements
360mm	100% Duty Cycle	32 amp, 3 Phase
Width	Installation	Emergency Fast Raise (optional)
2000mm - 4000mm	Excavation of 400mm	1.5 seconds
Material	Finish	Operation
<ul style="list-style-type: none"> • High grade PFC and RHS • Aluminium Curtain, 3mm skirt • Panels in 5 sections • Easy Removal after Impact 	<ul style="list-style-type: none"> • Galvanised bottom frame • Top section powder coated • Also an anti-skid paint finish is applied to the top plate 	<u>Hydraulic Power Pack</u> <ul style="list-style-type: none"> • Hydraulic Rams • Inverter PLC Controls
Control Cabinet	Motor	Operating Speed
W1200 x H1105 x D600mm (STD)	7.5kw	5 seconds standard



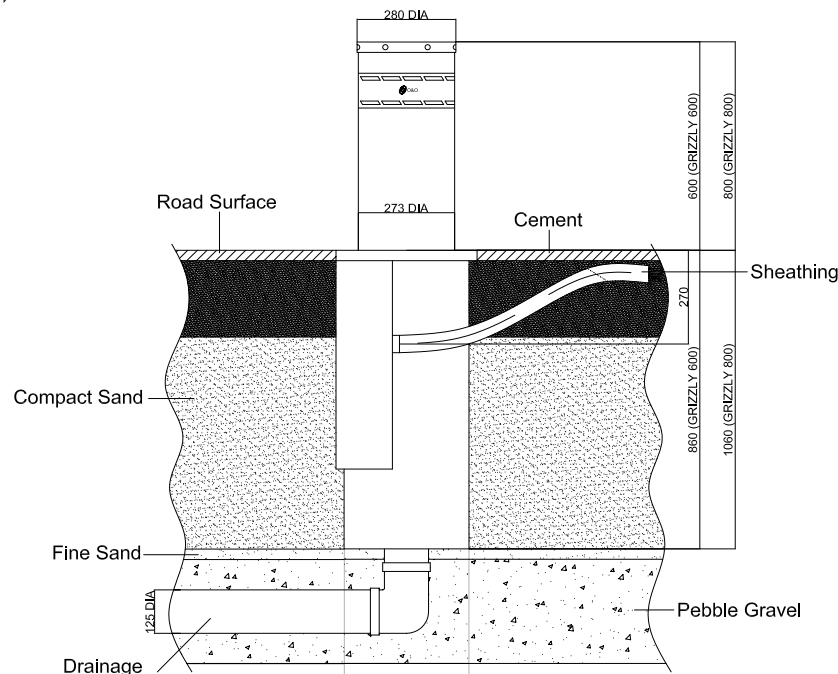
GA10000 PAS68/K12 - 50mph/80kph

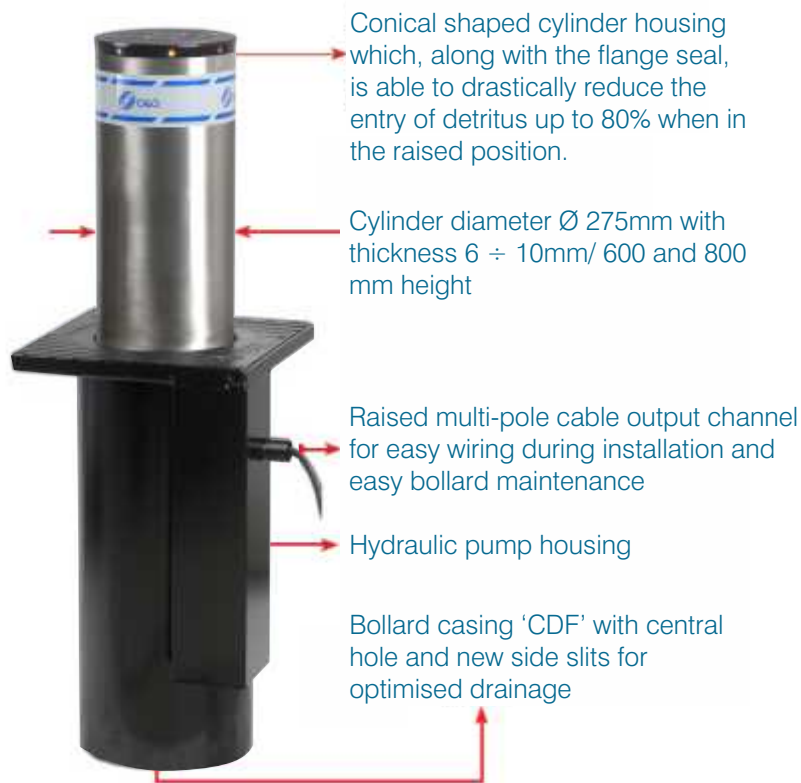
TECHNICAL SPECIFICATION

Test Results	Penetration	Durability
PAS 68/K12 - 50mph/80kph	0% Penetration	After crash test vehicle was unoperational
Raised Height	Axle Loadings	Safety/Security
1050mm	30 tonnes	Safety Loops (optional)
Depth	Duty Cycle	Power Requirements
360mm	100% Duty Cycle	32 amp, 3 Phase
Width	Installation	Emergency Fast Raise (optional)
2000mm - 4000mm	Excavation of 400mm	1.5 seconds
Material	Finish	Operation
<ul style="list-style-type: none"> • High grade PFC and RHS • Aluminium Curtain, 3mm skirt • Panels in 5 sections • Easy Removal after Impact 	<ul style="list-style-type: none"> • Galvanised bottom frame • Top section powder coated • Also an anti-skid paint finish is applied to the top plate 	<u>Hydraulic Power Pack</u> <ul style="list-style-type: none"> • Hydraulic Rams • Inverter PLC Controls
Control Cabinet	Motor	Operating Speed
W1200 x H1105 x D600mm (STD)	7.5kw	5 seconds standard



GA7276H Automatic Bollard





GA7276H Automatic Bollard

The **GA7276H Automatic Bollard** employs a simple yet effective electro-hydraulic mechanism ensuring smooth and efficient movement of the bollard. A manual override facility ensures the bollard can be lowered in the event of an emergency or power failure.

The **GA7276H Automatic Bollard** is built for performance and has been intensively tested for over 3000 manoeuvres per day. The bollard is controlled by a CDS dedicated control unit, which is capable of controlling up to 4 bollards simultaneously, and includes a “deceleration feature” at the end of travel when opening and closing. For added safety the bollard is fitted with an obstacle detection sensor that stops and lowers the bollard if an obstacle is detected. A crown of LED lights is mounted on the top of the cylinder with a built-in acoustic warning signal. The bollard casing is completely independent from the motor allowing it to be pre-installed prior to ground work completion.

The **GA7276H Automatic Bollard** can easily be integrated with access control and safety equipment, traffic lights, photo cells and ground loops.

TECHNICAL SPECIFICATION

Specification

CE Approved
Electro-hydraulic, steel tube, auto rising bollard

Power Requirement

Single phase 230Volt 50Hz 6 amp

Absorbed Current

1.8 amps

Motor Rotation Speed

2800 rpm

Duty Cycle

Up to 300 cycles per 24 hrs.

Overall Dimensions

Base: 410mm x 410mm x 845mm below ground
Bollard: 200mm x 500mm

Operation Time

6 seconds

Finish

Stainless Steel

Operation

Self-contained hydraulic pump & piston



Access Control Equipment

GA2010 Reader Pedestals

Our reader pedestals can be custom-made to suit your requirements. We can alter the height/size and colour to suit. They come in two versions bolt down onto a plinth or casting. When ordering please specify the option that suits the site it is intended for. Our standard Versions shown above, have there own uses/merits as follows:

Standard single height reader pedestal

Suits general access control requirements. One height only.

Standard single height "swan neck" reader pedestal

Protrudes into the road-way more to make easier access.

One height only. Suits general access control requirements

Standard dual height reader pedestals

Same as the single height but has two heights for cars and larger vehicles

Suits most access control requirements

Standard dual height "swan neck" reader pedestal

Same as the single height but has two heights for cars and larger vehicles

Suits most access control requirements

Protrudes into the road-way to make easier access





Stop/No Entry, Caution signs



Articulated Arm



Magnetic Lock



LED Boom Lights



Folding Bottom Skirt



Pogo Tip Support

Access Control Equipment

Gateway Automation Ltd acquired **Access Control Equipment** to further strengthen its range of high quality, low cost equipment. Long term testing has proven impressive in terms of quality and affordability.

Offering a range of access control from key pads and push buttons to video intercoms and fingerprint recognition systems.



Push button
access controls



Vehicle sensing
loop detector



Keyswitch



Long range readers
(up to 8m)



Loop Wire

FR-240 Biometric Fingerprint Reader



Fingerprint recognition is a secure reliable way to control access to un-authorised areas. In this product we bring you the latest technology for a fraction of the cost. The unit is supplied with easy to follow instructions and a remote control which programs it.

KI-200 Illuminated Keypad



- Waterproof
- Strong Zinc Alloy Electroplated anti-vandal case
- Full programming from the keypad
- 2,000 users, supports PIN
- Can be used as a stand alone keypad
- Backlit keys
- Weigand 26 input for the connector of an external reader
- One programmable MOS output

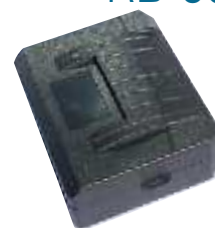
PC-300 Infrared Battery/Hard Wired Photocells



Safety photocells are compatible with most 230v gate automation systems.

SUPPLIED WITH BATTERIES

RB-300 Receiver Board



- Supports up to 200 users
- Easy to programme
- Required power: 24v
- Dual channel output
- Full instructions provided
- IP55 rated enclosure
- Small form factor for easy fitting



RB-310 Remote Control Fobs

Access Control Equipment

PC-200 Proximity Cards



Proximity smart cards are used in the same respect as contact smart cards, especially with the added convenience and speed of not having to insert a card into a reader. There is a growing acceptance of this particular card for both physical and logic access control applications. Student identification, electronic passport, vending, parking and tolls are common applications for Proximity Cards

PR-230 Proximity Reader



- Standalone card reader
- Waterproof
- Conforms to IP68
- Card interface: 125KHZ EM card
- User capacity: 10,000
- Remote control for programming
- Weigand 26
- Anti-pass back function

DH16T Proximity Access Keypad



- Internal EM reader.
- Frequency: 125KHz.
- Effective distance: 5cm to 10cm.
- ZONE 1: up to 1000 passwords & card holders.
- ZONE 2: up to 10 passwords.
- Card access, code access and combined access.
- Digital keypad operation.
- Built-in pick proof function.
- Dual relay outputs.
- Unlock output delay time: 0~99s.
- Dual relay outputs for door opening, door status detecting.

Traffic Lights

Traffic lights, which may also be known as stop lights, traffic lamps, traffic signals or stop-and-go lights are signalling devices positioned at road intersections, pedestrian crossings and other locations to control competing flows of traffic. All our range of LED traffic lights are tough durable and of exceptional quality. Our lights come with two different mounting options - Brackets (which have cable ducts) or pole mounted. They are easy to fit and come pre-wired for ease. We offer 2 different Power types: 24v and 240v to suit your application.

KEY POINTS:

- IPR Rated: YES
- Lens Quantity: TWO
- Lens Colours: Red/Green
- Power: 240v or 24v

TL-100 Traffic Light 100mm



TL-200 Traffic Light 200mm (Bracket)



TL-200 Traffic Light 200mm (Pole)



Access Control Equipment

VI-300 Colour Video/Audio Intercom



- Kit includes: One door station Model No. VI-300b, one hands-free indoor phone Model No. VI-300a, one power supply.
- Surface-mounted door station, zinc alloy panel, colour CCD
- Call, talk and remote unlocking
- Double "Ding-Dong" ring
- Power supply: Adaptor, transformer for optional fitting

AI-200 Audio Intercom Kit

This Audio Intercom Kit is simply stylish and effective. The kit is a complete solution to enable remote voice and unlocking features giving you complete control.



GSM Intercom



- Stainless Steel, weather proof
- Vandal resistant design
- Rings up to 3 numbers in sequence
- Rings in to open without call charge
- Ring time/call time/relay time
- Check stored numbers via text message

GSM Gate Opener



- Simple to use, easy to program
- Authorise up to 100 mobiles
- Connect up to electrical devices
- Programming via SMS command



GA5000S Standard Manual Raise Arm Barrier

The **GA5000S Standard Manual Raise Arm Barrier** is a low maintenance, cost effective way of manually controlling access to unauthorised areas.

The GA5000S barrier spans an area of up to 7.0 metres.

The pivot assembly is made of steel box section, the zinc plated shaft pivots on two heavy-duty stainless steel bearing blocks.

The design of the GA5000S incorporates a locking mechanism, allowing you to fix the barrier in the raised or lowered position prior to applying the padlock. A counter balanced fish tail weight, is fine tuned for ease of operation.

The GA5000S comes complete with a lockable end rest, padlock and keys.

Aluminium arm, finished in either alternate red and white or alternate yellow and black vinyl hatching as standard (other colours available).

Standard colours: Red/white or yellow/black.

TECHNICAL SPECIFICATION

Specification

Counterbalanced manual raise arm barrier

Maximum Boom length

7 Metres

Boom Diameter

76 mm

Baseplate Dimensions

300mm x 300mm

Finish

Polyester Powder Coated

Supplied Complete with:

Lockable end rest
Padlock
M12 Anchor shield bolts
Lifting handle

Optional Extras

Bottom skirting
Stop / No Entry Sign
Pogo tip support



GA5000HD Manual Raise Arm Barrier

The **GA5000HD heavy duty raise arm barrier** spans an area of up to 9.0 metres. The pivot assembly is made of steel box section, this pivots on two heavy duty stainless steel bearing blocks.

Aluminium arm, finished in either alternate red and white or alternate yellow and black vinyl hatching as standard (other colours available).

The design of the GA5000HD also comes with a locking mechanism allowing you to fix the barrier in the raised and lowered position prior to applying the padlock.

A counter balanced fish tail weight, is fine tuned for ease of operation. Dual barriers are available with a central locking mechanism to suit wider spans.

The GA5000HD comes complete with a lockable end rest, padlock and keys.

Standard colours: Red/white or yellow/black.

TECHNICAL SPECIFICATION	
Specification	Counter balanced H/D manual raise arm barrier
Maximum Boom length	9 Metres
Boom Diameter	100 mm
Baseplate Dimensions	450mm x 450mm
Finish	Galvanised & Polyester Powder Coated
Supplied Complete with:	Lockable end rest Padlock M16 Anchor shield bolts Lifting handle
Optional Extras	Bottom skirting Stop / No Entry Sign Pogo tip support



GA5700 Swinging Gate

The **GA5700 Swinging Gate** provides an ideal low cost solution to a wide variety of parking, road access and traffic management requirements.

It is ideal for locations or situations where a fully automated barrier or gate entry system is either not necessary or cost effective.

The GA5700 is available as a single or double leaf version, in either standard or heavy duty box section.

Constructed from high quality steel hollow box section, the robust structure of the GA5700 means it is ideally employed in unmanned areas with low volume traffic.

This durable gate can be locked in either the open or closed position via an additional latch post and padlock, providing excellent security to any area when required.

TECHNICAL SPECIFICATION

Specification

Steel constructed swinging gate

Material

Mild steel squared hollow section

Construction

Gates - 60 x 60 x 3mm / Posts - 100 x 100 x 4mm

Available Span

From 2.0metres - 6.0metres or Double 12metres

Finish

Powder coated or galvanised as standard

Construction

Gates	60 x 60 x 3mm (STD)
Posts	100 x 100 x 4mm (STD)
Crossbeam	80 x 80 x 5mm (HD)
Posts	150 x 150 x 5mm (HD)

Fittings

Comes complete with padlocks and fixings
Vinyl striping is also available



GA5600 Height Restrictor

The **GA5600 Height Restrictor Barrier** is constructed from high quality steel rectangular box section.

It provides an ideal solution for the prevention of access for high vehicles to unauthorised areas such as staff car parks or underground low level car parks. It is a durable and reliable restriction barrier, available as single or double leaf, either standard or heavy duty box section.

Clear signage allows vehicle occupants the opportunity to determine whether they have sufficient clearance to proceed under the cross beam in order to access.

The opening variants can be locked in either open or closed position via an additional latch post and a padlock respectively.

The GA5600 height restrictors can be custom made to customer specification.

The above illustration shows a height restrictor with optional gates.

TECHNICAL SPECIFICATION

Specification

Steel constructed height restriction barrier

Material

Mild steel square hollow section

Installation

Post may be either sunken or surface mounted

Available Span

From 2.0metres - 6.0metres or Double 12metres

Finish

Powder coated or galvanised as standard

Construction

Crossbeam	60 x 60 x 3mm (STD)
Posts	100 x 100 x 4mm (STD)
Crossbeam	80 x 80 x 5mm (HD)
Posts	150 x 150 x 5mm (HD)

Fittings

Comes complete with warning signage & padlocks
Vinyl striping is also available



GA5750 Speed Ramp

The **GA5750 Speed Ramp** is manufactured from heavy duty recycled PVC segments. The design offers early visual warning and provides a highly effective method of restricting speed.

The speed ramp is available in two alternate heights, consequently applying differing speed restrictions. The 50mm high version reduces speeding vehicles to speeds of 15-20 mph while the 75 mm high version reduces vehicles to speeds of 5-10 mph.

The GA5750 Speed Ramp can be laid in multiple lengths by simply interlocking each of the 500mm wide sections securely with four fixing bolts.

The 75mm high option includes a centre run cable tunnel for temporary traffic lights, fair grounds, water supplies etc.

It is recommended that signage is used in conjunction with speed ramps to warn on-coming traffic.

TECHNICAL SPECIFICATION

Specification

Traffic Calming Speed Ramp

Dimensions

400mm wide x 500mm long (50mm version)
550mm wide x 500mm long (75mm version)

Height

50mm or 75mm

Weight

Mid Section: 8.6 kg
End Cap: 2.7 kg

Fixings

Universal fixings for Tarmac or concrete (supplied)

Key Features

Non-Slip textured surface
Embedded cats-eyes as standard
High visibility yellow sections
Contrasting black sections



GA5800 Sunken Flow Plate

The **GA5800 Sunken Flow Plate** incorporates an inbuilt counter-balance action, ensuring that the GA5800 returns to the upright position after a vehicle has passed over it.

Constructed from heavy steel, the flow control plate is designed to encourage a mono-directional flow of traffic, as well as preventing vehicles from entering if they are travelling from the opposing direction.

They also have built in noise reduction buffers which prevent the common crashing metal sound in lesser models.

The GA5800 sunken traffic flow control plates are suitable for installations where a substantial foundation is not already present.

Not suitable for heavy goods vehicles (max 7.5 tonne)

We highly recommend the use of speed ramp and warning signage in conjunction with flow plates.

TECHNICAL SPECIFICATION

Specification

Sunken traffic flow control plate

Dimensions

350mm long x 216mm wide x 204mm deep

Weight

23 kg

Material

Heavy duty chequer plate steel

Finish

Yellow or white high visibility PPC

Installation

Concreted in flush with surface level - Soak-away required.

Optional Extras

Warning Signs
Speed Ramp



GA5850 Surface Mounted Flow Plate

The **GA5850SM Surface Mounted Flow Plate** is an ideal solution for controlling one way traffic and is suitable for use on sloped entry or exit roads, in multi-story car parks or for economy projects.

The GA5850 surface mounted traffic flow control plates are bolted down to existing road surfaces where a substantial foundation/surface is already in place. No excavation of the road surface is required.

A sophisticated inbuilt spring action ensures that the GA5850 returns to the upright position after a vehicle has passed over it.

Constructed from heavy steel, the flow control plate is designed to encourage a mono-directional flow of traffic, as well as deterring vehicles from entering if travelling from the opposing direction.

Not suitable for heavy goods vehicles (max 7.5 tonne)

We highly recommend the use of speed ramp and warning signage in conjunction with flow plates.

TECHNICAL SPECIFICATION

Specification

Surface mounted traffic flow control plate

Dimensions

570mm long x 300mm wide x 50mm deep

Weight

17 kg

Material

Heavy duty chequer plate steel

Finish

Yellow with high visibility red teeth - PPC

Installation

Surface mounted. Ideal for concrete applications.

Optional Extras

Warning Signs
Speed Ramp



GA5875HD Surface Mounted Flow Plates

The **GA5875HD Heavy Duty Surface Mounted Flow Plates** are stylish, simple, and incredibly effective.

A sophisticated inbuilt heavy duty sprung action ensures that the GA5875HD returns to the upright position after a vehicle has passed over it. Constructed from heavy steel, the flow control plate is designed to encourage a mono-directional flow of traffic, as well as preventing vehicles from entering if they are traveling from the opposing direction.

Designed to accommodate cars and heavy goods vehicles as their design lends itself to being a durable and heavier duty solution to one way traffic control.

We highly recommend the use of speed ramp and warning signage in conjunction with flow plates.

TECHNICAL SPECIFICATION

Specification

Surface mounted traffic flow control plate

Dimensions

510mm x 300mm x 105mm

Weight

26 kg

Material

Heavy duty chequer plate steel

Finish

High visibility yellow and black - PPC

Installation

Surface mounted. Ideal for concrete applications
Anchor Fixing Bolts Included

Optional Extras

Warning Signs
Speed Ramp



Telescopic Security Posts

Telescopic Security Posts offer a high level of security and are easy to use. They require the user to dig down into the ground and concrete the unit in. The top of the unit is finished level with the finished surface. The user then opens a flap to reveal the post, unlocks the post, pulls the post up and locks it in the raised position. The post can be locked in the raised or lower position.



Model: RT/R14/HD

Section: Round	Diameter: 114mm
Op Weight: 17kg	Height: 850mm
Top: Twist Lock Handle	Weight: 54kg



Model: RT/R8/HD

Section: Round	Diameter: 90mm
Op Weight: 14kg	Height: 670mm
Top: Twist Lock Handle	Weight: 44kg



Model: RT/RD4

Section: Round	Diameter: 76mm
Op Weight: 11kg	Height: 500mm
Top: Twist Lock Handle	Weight: 32kg



Security Posts

Security Posts offer a level of security and are easy to use. Static or cast in posts require the user to dig down into the ground and concrete the unit in. Surface mounted posts require an adequate surface to bolt onto. For fold down surface mounted models the user unlocks the post, pulls the post up and locks it in the raised position. The post can be locked in either raised or lowered positions.



Model: Static Post

Section: Round Diameter: to suit
Finish: PPC Height: to suit
Top: Flat Weight: variable



Model: GA5300

Section: Round Diameter: 63mm
Finish: PPC Height: 600mm
Top: Plastic Cap Weight: 44kg



Model: GA5925/S

Section: Square Diameter: 70mm Square
Finish: PPC Height: 570mm
Top: Plastic Cap Weight: 32kg

Complete Perimeter Security



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