



# TRAFFIC BARRIER SYSTEMS

Traffic barriers offer a formidable means of controlling vehicular access, and we have gone to great lengths to ensure that Centurion Systems' barriers can handle the heaviest of traffic volumes while simultaneously offering superior security and a plethora of features. We have also developed a range of ancillary items that can be used to up further increase security when used alongside our traffic barriers.





## SECTOR II HIGH-VOLUME INDUSTRIAL TRAFFIC BARRIER

Introducing the heir to the throne of high-volume vehicular access control. With an updated look that perfectly matches its superior performance, an optimised design for the ultimate in ease of installation and boasting the awe-inspiring speed that made its predecessor king of the access control jungle, the **SECTOR II** is the embodiment of automation evolution.

Speed. Performance. Intelligence. The **SECTOR II** is the benchmark against which all others are measured

**SECTOR II 3:** Rapid, high-volume barrier, 3 metre boom pole

**SECTOR II 4.5:** High-volume barrier, 4.5 metre boom pole

**SECTOR II 6:** High-volume barrier, 6 metre boom pole

In addition to the different boom pole lengths available, the **SECTOR II**'s housing is also available in three stylish and modern colour configurations to suit your aesthetic and brand requirements. Enquire at your local CENTURION agent.

### MAIN FEATURES

#### Mechanical Features

- Battery backup
- High-volume capability – up to 3000 operations per day for high-volume applications
- Very robust housings with varying degrees of corrosion protection for inland, coastal and marine environments
- Improved torsional rigidity for reliable operation in windy conditions
- Extended cabinet suitable for larger capacity batteries
- Included cable saddles along front flange for a neat and tidy installation
- Stylish, powder-coated aluminium lid with built-in condensation shield

#### Electrical Features

- Easy access to the electronics assembly situated at the top of the housing
- LCD user interface for simple setup
- Diagnostic screens for easy maintenance
- Smooth, intelligent speed control – set the pace for raising and lowering according to individual site requirements
- Rapid boom pole raise (3 metre version < 1.2 seconds)- can be slowed down if required
- Integrated ChronoGuard timer technology (a world first) – wide range of Time-barring and Auto-activation features
- Memory and non-memory barrier activation
- Full configuration of barrier operating parameters including independent pole raise and lowering speeds, ramp-up and ramp-down angles

- Multiple Operating Profiles to suit region – select between ZA, CE and UL325
- Onboard multichannel CENTURION code-hopping receiver with the ability to:
  - Learn transmitter buttons to specific functions (e.g. Barrier Raise, Barrier Lower, etc.)
  - Selectively delete specific transmitters that have been lost or stolen
  - Automatically learn transmitters into the system (Autolearn)
  - Automatically delete transmitters that are no longer in use (Delete-Not-Present)
- Free-exit facility using an inductive loop detector or infrared beams
- Remote boom pole status indicator (Pole Position, Power Failure, Low Battery, Multiple Collision Detection and Security Light Status indication)
- Fully-configurable Pre-delays with Multi-modal Pre-flash
- Safety/Closing Beam input with beam functional test
- Lock/Emergency Stop input
- Ticket Vend Interlock which enables connectivity to a ticket vending machine
- Dedicated menus for seamless integration with CLAWS roadway spikes and traffic lights

## TECHNICAL SPECIFICATIONS

Technical Data	SECTOR II 3	SECTOR II 4.5	SECTOR II 6
Input voltage <sup>1</sup>	220V AC +/-10% @ 50Hz		
Motor voltage	12V DC		
Motor power supply <sup>2</sup>	Battery driven (standard capacity - 7Ah)		
Battery charger	CP84SM – 1.8A @ 13.7 +/-1%		
Current consumption (mains supply)	170mA		
Current consumption (motor rated / peak load)	1/12 A		
Current consumption (quiescent load)	75mA		
Boom pole length	3.0m	4.5m	6.0m
Boom pole raise time	1.2 sec	3 sec	3 sec
Maximum daily cycles	3 000 cycles/day	3 000 cycles/day	3 000 cycles/day
Design life	2 000 000 cycles	1 800 000 cycles	1 500 000 cycles
Operations in standby mode with standard battery <sup>3,4</sup>	3000		
Half day <sup>4</sup>	3 000 cycles	2 900 cycles	2 900 cycles
Full day <sup>4</sup>	3 000 cycles	2 300 cycles	2 300 cycles
Collision sensing	electronic		
Operating temperature	-15°C to +50°C		
Degree of protection	IP54		
Controller incorporated	S-Series_12		
Onboard receiver type	NOVA rcode-hopping onboard, multichannel		
Receiver frequency	433MHz		
Receiver code storage capacity	500 Buttons		
Mass of unit packed	44kg	47.5kg	52kg
Packing dimensions	Length: 440mm Width: 350mm Height: 1250mm		

1. Can operate off a solar supply, consult Centurion Systems for assistance

2. Can increase battery capacity for longer standby times

3. Based on operator excluding closing loop detector

4. Limited by maximum daily usage

## BARRIER HOUSING SPECIFICATION

	SECTOR II Standard	SECTOR II Grade 430	SECTOR II Grade 316
Application	Inland areas	Coastal plains - no airborne salt	Marine areas
Housing construction	Sheet metal housing, 1.6mm wall thickness with separate fabricated base frame, 3mm wall thickness to raise housing above ground. Separate fabricated sheet metal door with 1.2mm wall thickness. Die-Cast Grade LM24 Aluminium Cover with condensation shield		
Barrier housing surface protection	Pre-galvanised steel with epoxy coating.	Grade 430 stainless steel with epoxy coating.	Grade 316 stainless steel, brushed finish
Base frame surface protection	Mild steel hot dip galvanised	Mild steel hot dip galvanised	Grade 316 stainless steel
Housing colour	Cover: Red, Main Body: Traffic Yellow	Cover: Red, Main Body: Traffic Yellow	Cover: Red, Main Body: stainless steel, brushed finish

## BOOM POLE SPECIFICATION

Material and profile	Aluminium, round profile with plastic end cap
Surface protection	Epoxy coating
Colour and markings	White with red reflective tape – spiral pattern
Weight	800g/metre
Dimensions	OD 76.2mm x 1.27mm wall thickness



The SECTOR II is available in three stylish and modern colour configurations to suit your aesthetic requirements. We are also able to provide barriers in custom colours. However, price premiums and longer lead times may apply. Enquire at your local CENTURION agent for more information.



Yellow

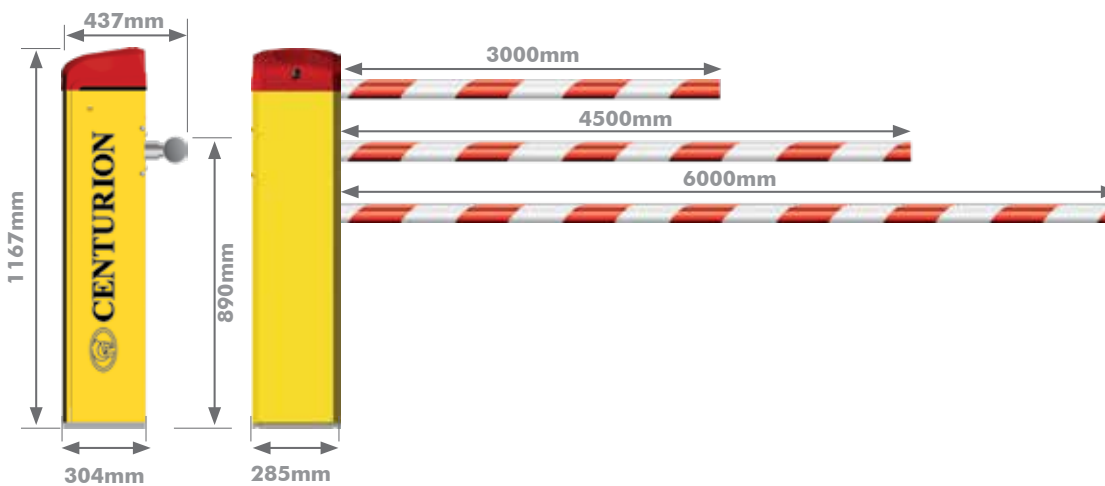


White

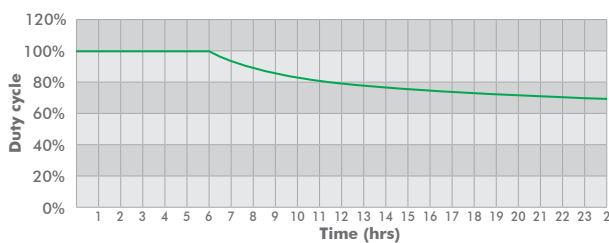


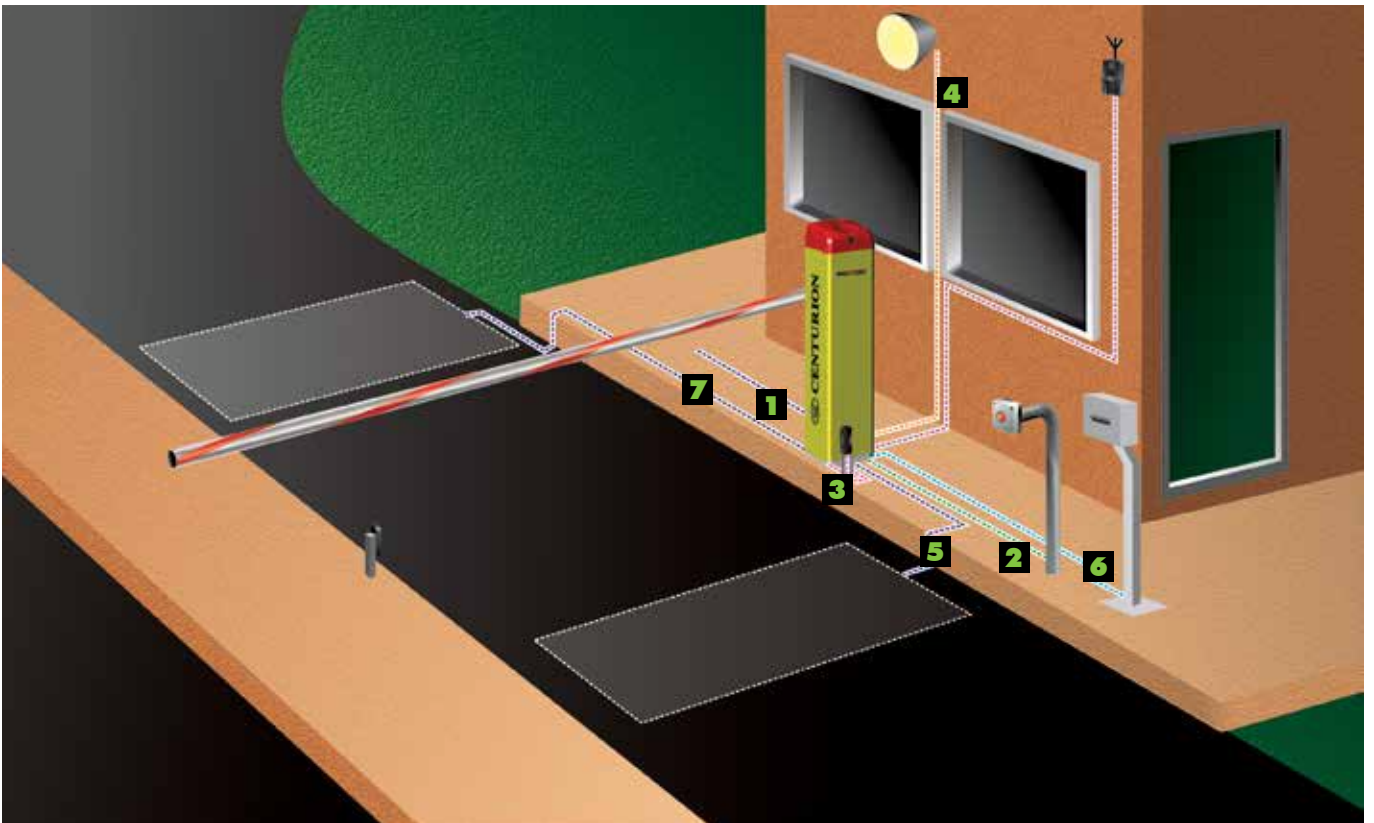
Gun-metal grey<sup>1</sup>

1. A price premium applies for the grey finish.



SECTOR II single operator duty cycle as a function of operating time





### CABLING REQUIREMENTS

1. 220V - 240V AC mains cable (3 core LNE 1.5mm<sup>2</sup> SWA)<sup>1</sup>

**Optional Wiring (all cable is multi-stranded):**

2. Pushbutton control (2 core 0.5mm<sup>2</sup> multi-stranded)
3. Infrared Safety Beams (3 core 0.5mm<sup>2</sup> multi-stranded)
4. Optional Pillar Lights (3 core LNE SWA<sup>1</sup>, size according to power requirements)
5. Inductive Loop Detector for closing or safety (1 core 0.5mm<sup>2</sup> multi-stranded silicone-coated)
6. Access control device (2 core 0.5mm<sup>2</sup> multi-stranded)<sup>2</sup>

1. Type of cable must adhere to municipal bylaws but typically SWA (steel wire armoured) cable is recommended. The armouring provides excellent screening, which gives better protection against lightning – earth one end of the screening
2. Number of cores and type of cable could vary depending on brand of access control system being used



## CENTINEL MANUAL TRAFFIC BARRIER

When we designed the **CENTINEL** manual traffic barrier, we had the user in mind. After all, just because it's a manual barrier doesn't mean you have to do all of the work!

We outfitted the **CENTINEL** with an innovative internal spring balance mechanism – which not only gives the barrier a compact slimline appearance, but also means that the most feather-light of touches can set it in motion.

**CENTINEL 3:** Manual barrier, 3 metre boom pole

**CENTINEL 4.5:** Manual barrier, 4.5 metre boom pole

**CENTINEL 6:** Manual barrier, 6 metre boom pole



## MAIN FEATURES

- **Internal spring counterbalance**  
This innovative system contributes both to the **CENTINEL**'s undeniably attractive slimline look and – most importantly – makes raising and lowering a very nearly automated action
- **Professional, compact appearance**  
Sleek and slender, the **CENTINEL** is a looker and will blend in seamlessly with the aesthetic of any modern business park.
- **Comfortable operating handle**  
The actuating handle is designed for comfortable and easy handling of the pole
- **Simple locking system**  
But what if there's heavy traffic flow? Will the hapless guard need to stand there keeping the pole raised until every muscle and sinew aches? Not with a **CENTINEL** installed! To secure the pole in the raised or lowered position, simply turn the convenient, easy-to-use thumbwheel
- **Strong and durable**  
The **CENTINEL** will willingly submit to the operator's touch, but its incredibly robust construction ensures that it will firmly stand its ground against the elements

**TECHNICAL SPECIFICATIONS**

Technical Data	CENTINEL 3	CENTINEL 4.5	CENTINEL 6
Boom pole length <sup>1</sup>	3m	4.5m	6m
Counterbalance spring	Internal		
Mass of unit packed	29kg		
Packing dimensions	Length: 320mm x Width: 310mm x Height: 1120mm		

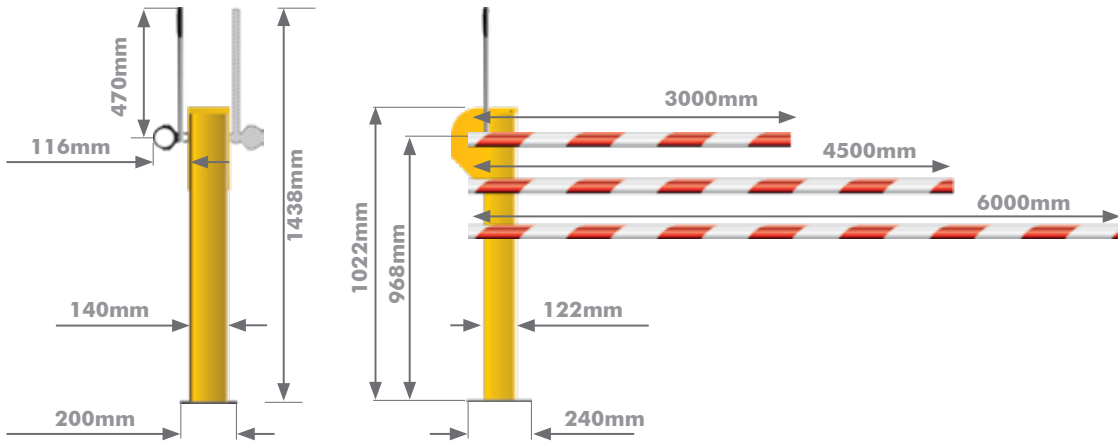
<sup>1</sup> A catchpost is recommended to support and lock the pole in the lowered position

**BARRIER HOUSING SPECIFICATION**

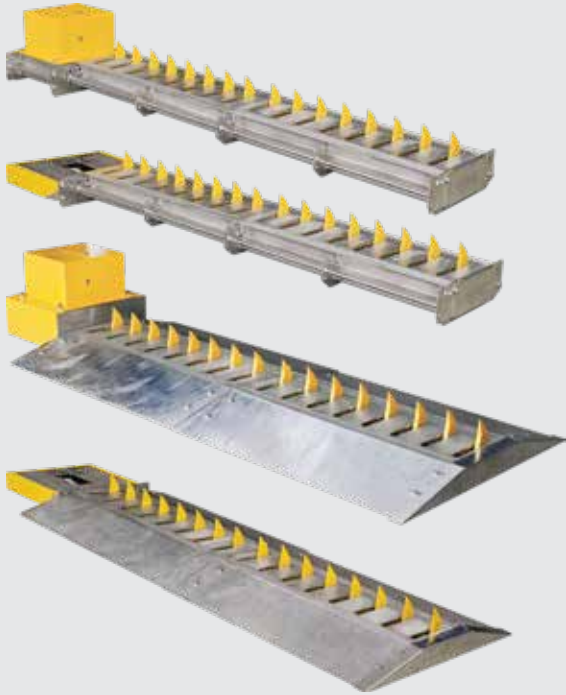
	CENTINEL Standard	CENTINEL Grade 430
Application	Inland areas	Coastal plains - no airborne salt
Housing construction	Sheet metal housing, 3mm wall thickness with 5mm mounting plate	
Barrier housing surface protection	Mild steel with epoxy coating.	Grade 3CR12 stainless steel with epoxy coating.
Housing colour	Main Body: Traffic Yellow	Main Body: Traffic Yellow

**BOOM POLE SPECIFICATION**

Material and profile	Aluminium, round profile with plastic end cap
Surface protection	Epoxy coating
Colour and markings	White with red reflective tape – spiral pattern
Weight	800g/metre
Dimensions	OD 76.2mm x 1.27mm wall thickness







## CLAWS ROADWAY SPIKES FOR HIGH-VOLUME ACCESS CONTROL

**CLAWS** barrier spikes are designed to enhance the security at high-volume entry and exit points. They provide a formidable deterrent to would-be criminals and, due to their robust construction, they are very difficult to defeat.

**Surface-mount - Direct Drive:** For installations that are mounted above the road surface. Uses the SECTOR II's drive mechanism to drive the **CLAWS**

**Surface-mount - Indirect Drive:** For installations that are mounted above the road surface. Uses its own drive mechanism and controller, synchronised with the SECTOR II's controller

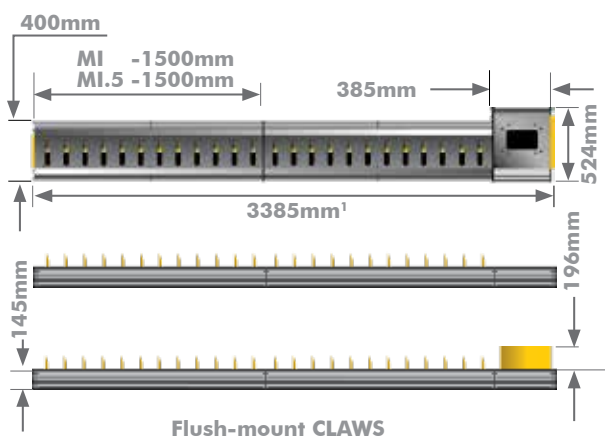
**Flush-mount - Direct Drive:** For installations that need to be flush with the roadway. Uses the SECTOR II's drive mechanism to drive the **CLAWS**

**Flush-mount - Indirect Drive:** For installations that need to be flush with the roadway. Uses its own drive mechanism and controller, synchronised with the SECTOR II's controller

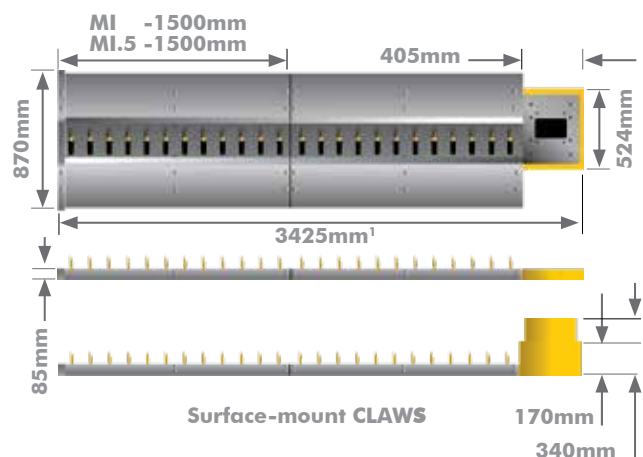


### MAIN FEATURES

- Reliable battery backup – continued operation even during power failures
- High-torque DC motor for long-term reliability
- Selectable High-security or Safe Modes
- Independent Drive model has its own drive mechanism and controller which synchronises with the **SECTOR II** controller
- Direct Drive model utilises the **SECTOR II**'s drive mechanism
- Flush-mount and surface-mount options available
- Modular construction – flexible and easy to transport
- Modular units allow for ex-stock delivery
- Traffic light systems are easily interfaced
- CLAWS are ideal for:
  - Car dealerships
  - Office parks
  - Residential estates
  - Shopping centres and retail complexes
  - Hospitals
  - High-security sites such as airports and embassies where it is critical to prevent unauthorised access



1. Overall length using 2 x M1.5 modules



TECHNICAL SPECIFICATIONS

Technical Data	Independent Drive CLAWS - Drive Unit	Independent Drive CLAWS with Co-Installed SECTOR II	Direct Drive CLAWS with Co-Installed SECTOR II
System input voltage	220V AC +/-10% @ 50Hz <sup>1</sup>	Connects to the <b>SECTOR II</b> Barrier supply <sup>1</sup>	NA
Motor voltage	12V DC	12V DC	NA
Motor power supply	Battery driven (standard capacity - 7Ah)	Connects to the <b>SECTOR II</b> Barrier supply	NA
Battery charger	CP84SM – 1.8A @ 13.7 +/-1%	Connects to the <b>SECTOR II</b> Barrier supply	NA
System current consumption (mains supply)	170mA	300mA	170mA
System current consumption (motor rated / peak load)	2/12 A	3/12 A	4/12 A
System current consumption (quiescent load)	75mA	150mA	75mA
Spike raise time	1.2 sec	1.2 sec	Refer to Co-Installed <b>SECTOR II</b>
Maximum daily cycles	3 000 cycles/day	3 000 cycles/day	3 000 cycles/day
System design life	2 000 000 cycles	1 800 000 cycles	1 000 000 cycles
<b>Operations of system in standby mode with standard battery</b>			
Half day	2 900 cycles	0 cycles	2 900 cycles
Full day	2 300 cycles	0 cycles	2 300 cycles
Collision sensing	electronic	electronic	Refer to Co-Installed <b>SECTOR II</b>
Operating temperature	-15°C to +50°C	-15°C to +50°C	Refer to Co-Installed <b>SECTOR II</b>
Degree of protection	IP54	IP54	Refer to Co-Installed <b>SECTOR II</b>
Controller incorporated	S-Series_12_Claws	S-Series_12_Claws	NA

1. Can operate independently with its own power supply - requires a separate wallbox for the controller, charger and battery

HOUSING SPECIFICATION

Technical Data	Independent Drive CLAWS - Drive Unit	Independent Drive CLAWS with Co-Installed SECTOR II	Direct Drive CLAWS with Co-Installed SECTOR II
Application	Inland to Coastal plains – no airborne salt	Inland to Coastal plains – no airborne salt	Inland to Coastal plains – no airborne salt
Housing construction	Flush and Surface Mount available	Flush and Surface Mount available	Flush and Surface Mount available
Barrier housing surface protection	Zinc Electroplated Mild Steel, Powder- Coated	Zinc Electroplated Mild Steel, Powder- Coated	Zinc Electroplated Mild Steel, Powder- Coated
Base frame surface protection	Hot-Dip Galvanised Mild Steel	Hot-Dip Galvanised Mild Steel	Hot-Dip Galvanised Mild Steel
Housing colour	Drive Body: Traffic Yellow, Frame: Speckled Silver of Galvanising	Drive Body: Traffic Yellow, Frame: Speckled Silver of Galvanising	Skirt: Traffic Yellow, Base Frame: Speckled Silver of Galvanising
<b>Packing weight</b>			
Unit - flush mount	37 kg	37 kg	28 kg
Unit - surface mount	33 kg	33 kg	26 kg
<b>Packing dimensions</b>			
Unit - flush mount	Length:490mm x Width: 390mm x Height: 340mm	Length: 490mm x Width: 390mm x Height: 340mm	Length: 490mm x Width: 390mm x Height: 145mm
Unit - surface mount	Length: 470mm x Width:390mm x Height: 380mm	Length: 470mm x Width: 390mm x Height: 380mm	Length: 530mm x Width: 410mm x Height: 85mm





## TRAPEX BARRIER FENCE

The **TRAPEX** Barrier Fence is a robust and effective barrier designed to prevent pedestrians from circumventing traffic barrier access control systems. Its tough, all-weather aluminium construction makes it suitable for coastal and inland applications.

The robust materials and clever industrial design ensure that your **TRAPEX** will perform day in and day out, relentlessly, throughout its service life.



### MAIN FEATURES

- **Enhanced security:** The clever link-arm assembly attached to the traffic barrier operator prevents the **TRAPEX** from being pushed aside
- The obstructive vertical poles extend past the barrier pole to create a formidable hurdle, helping to prevent would-be intruders from climbing over the barrier pole
- **Easy to install:** The simple, yet effective design of the **TRAPEX** allows you to pop-rivet the **TRAPEX** modules into place onto the barrier pole, which in turn lets the **TRAPEX** swivel freely and ensures extremely easy vertical alignment of the upright poles  
The modular construction allows for the **TRAPEX** to be installed by a single technician, providing for a hassle-free installation and saving you time and money. The only thing easier than installing it, is watching it work trouble-free year upon year
- **All-weather construction:** The powder-coated aluminium materials used to construct the **TRAPEX** allows you to install it just about anywhere
- **Intelligent design:** **TRAPEX** modules are available in 1.5 metre sections, making each module easy to transport and even easier to install the length that you need  
Modules can be assembled in 1.5, 3 and 4.5 metre lengths. The all-terrain foot assembly and link arm carry the weight of the **TRAPEX**, resulting in superior reliability and reduced maintenance
- **It's all in the box:** **TRAPEX** modules are semi-assembled. They come in 1.5 metre modules and include a Mounting Kit consisting of the steering arm assembly, foot assembly and all of the fasteners, spacers and end-caps you may require for a quick and easy installation

TECHNICAL SPECIFICATIONS

Existing installation

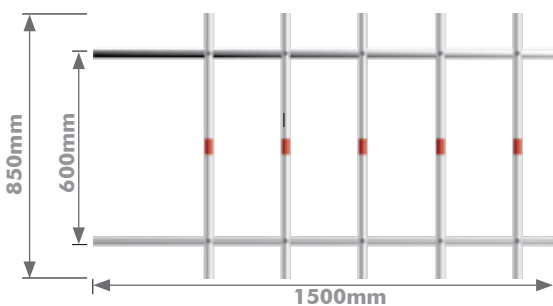
Boom pole length	Requirement
3 metres	The counterbalance spring in the 3m <b>SECTOR II</b> barrier must be upgraded to that of a 4.5m unit - The running speed of the <b>SECTOR II</b> operator must be reduced to correspond to that of a 4.5m barrier (Raise/Lower time must be changed from 1.2 to 3 seconds)
4.5 metres	The counterbalance spring in the 4.5m <b>SECTOR II</b> barrier must be upgraded to that of a 6m unit -
6 metres	It is not possible to fit the <b>TRAPEX</b> to a 6m <b>SECTOR II</b> barrier

New installation

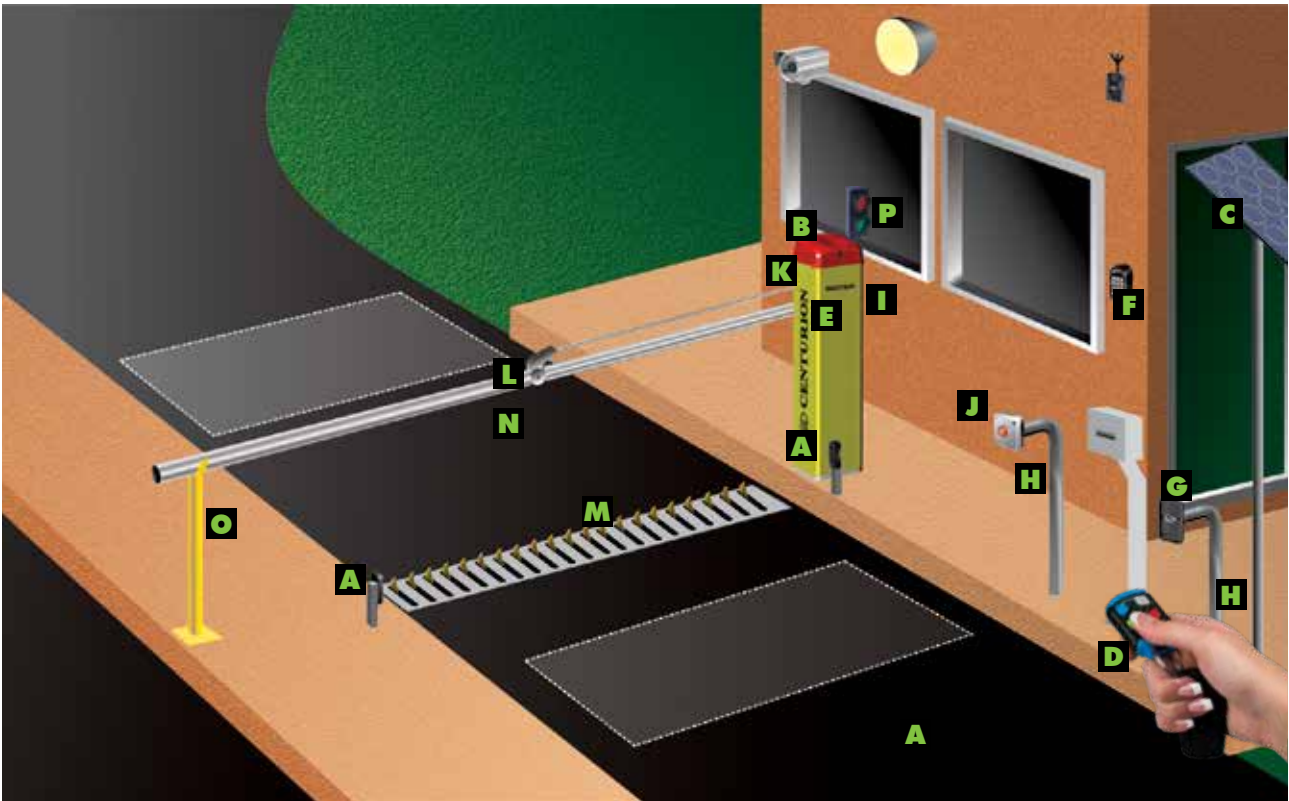
Boom pole length	Requirement
3 metres	A 4.5m <b>SECTOR II</b> barrier must be ordered for this application, along with a 3m boom pole and 2 x 1.5m modules of the <b>TRAPEX</b> barrier fence
4.5 metres	A 6m <b>SECTOR II</b> barrier must be ordered for this application, along with a 4.5m boom pole and 3 x 1.5m modules of the <b>TRAPEX</b> barrier fence
6 metres	It is not possible to fit the <b>TRAPEX</b> to a 6m <b>SECTOR II</b> barrier

Dimensions and materials

Modular sections length	1.5m, pre-assembled
Vertical members	6 per 1.5m length with 250mm spacing
Vertical member length below barrier boom pole	692mm
<b>TRAPEX</b> fence members	19mm aluminium round tube
Weight	1.3kg/m
	1.5m Module weighs 2kg
Aluminium flatbar section	25mm x 25mm
Rivets used to fit the aluminium flatbar	5mm
Packaging weight	
Connectors kit	700g
Trapex sections	3kg/1.5m
Packaging dimensions	
Connectors kit	Length: 10mm x Width: 10mm x Height: 677mm
Trapex sections	Length: 100mm x Width: 100mm x Height: 2220mm







**TRAFFIC BARRIER ACCESSORIES**



**CENTURION INFRARED SAFETY BEAMS**  
Always recommended on any barrier automation installation to increase the safety of the automated system.



**FLUX SA AND FLUX 11 LOOP DETECTORS**  
Allows free-exit of vehicles from the property (requires ground loop to be fitted)



**SOLAR SUPPLY**  
Alternative means of powering the system with our 20, 40, 60, 80, 120 or 150 Watt panels.



**CENTURION NOVA TRANSMITTER**  
Incorporates ultra-secure code-hopping technology. Available in one-, two-, three- and four-button variants.



**G-ULTRA GSM DEVICE**  
The ultimate new GSM solution for monitoring and activating electrical appliances via your mobile phone.



**SMARTGUARD or SMARTGUARDAIR KEYPAD**  
Cost-effective and versatile wired or wireless keypad, allowing access for pedestrians.



**SOLO/LATTICE PROXIMITY ACCESS CONTROL**  
Proximity reader for allowing access for both pedestrians and vehicles.



**GOOSENECK**  
Steel pole for mounting intercom gate station or access control.



**BACKUP MEMORY MODULE**  
Back up all the transmitters and operating details set up in the controller.



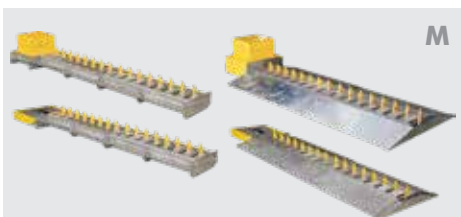
**MANUAL PUSHBUTTON**  
Industrial-rated switch, typically to allow a guard to manually activate the barrier.



**BREAKAWAY COUPLING**  
Allows the boom pole to hinge away from the barrier if it is accidentally knocked, reducing the chance of being damaged.



**SECTOR JACK-KNIFE ASSEMBLY**  
The **SECTOR II** Jack-knife Assembly (fabricated from Grade 304 stainless steel) allows the boom pole to fold, decreasing the required height in which the **SECTOR II** barrier operates.



**CLAWS**  
Add real security with seamless integration to our **SECTOR II** - available in Flush- or Surface-mounted models.



**TRAPEX**  
A traffic barrier pedestrian fence that stops people from circumventing the **SECTOR II** access control point.



**CATCHPOST**  
CENTURION's Catchpost provides additional support for particularly long boom poles, such as the six metre pole on a **SECTOR II** or **CENTINEL** barrier, when lowered.



**MIDI TRAFFIC LIGHT**  
An effective vehicular access control ancillary solution that enables visual indication when it is safe for vehicles to proceed. An excellent accompaniment to the **CLAWS** roadway spikes system.

## TRAFFIC BARRIER AND ACCESSORIES KITS

### SECTOR II BARRIER KIT 1

Product Code: Dependent on boom pole length, corrosion protection level and FLUX inclusion

- **1 x SECTOR II barrier including:**
  - 1 x 7Ah battery **D**
  - 1 x Controller **A**
  - 1 x FLUX 11 **H**
  - 1 x FLUX SA **I**
  - 1 x Counterbalance Spring **E**
  - 1 x 2A Switch Mode charger **B**
- 1 x Boom Pole 3m / 4.5m / 6m **C**

### CENTINEL MANUAL BARRIER KIT 2

Product Code: Dependent on boom pole length and corrosion protection level

- **1 x CENTINEL barrier**
- 1 x Boom Pole 3m / 4.5m / 6m **C**
- 1 x Counterbalance Spring **E**

### CLAWS INDEPENDENT DRIVE FLUSH-MOUNT KIT 3

Product Code: SPIKEDFKIT\_S2

- **1 x Independent Flush-mount drive mechanism.**
- 1 x Controller **A**
- Flush-mount Spike Modules (Available in 1m and 1.5m lengths) **F**

### CLAWS INDEPENDENT DRIVE SURFACE-MOUNT KIT 3

Product Code: SPIKEDSKIT\_S2

- **1 x Independent Flush-mount drive mechanism.**
- 1 x Controller **A**
- Surface-mount Spike Modules (Available in 1m and 1.5m lengths) **G**

### CLAWS DIRECT DRIVE FLUSH-MOUNT KIT 3

Product Code: SPIKEDF1KIT\_S2

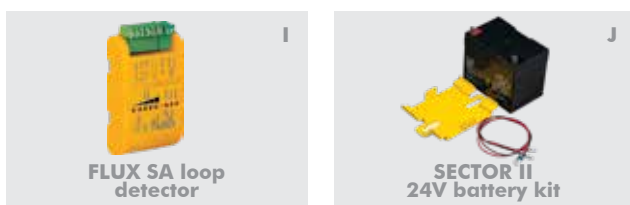
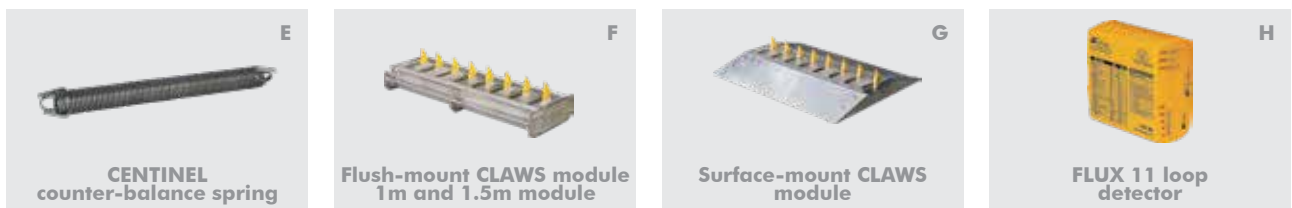
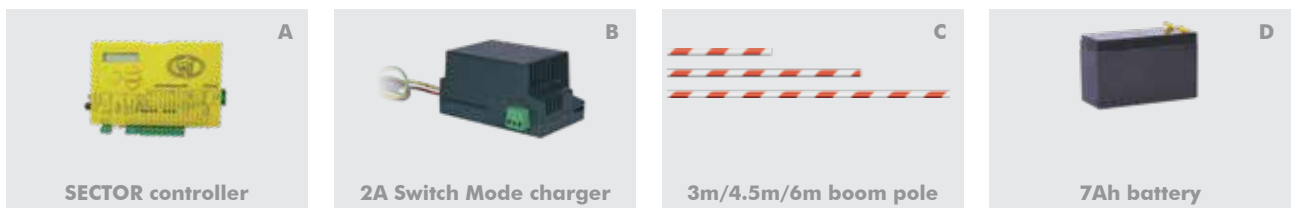
- **1 x Direct Drive Flush-mount mechanism**
- 1 x Flush-mount Spike Modules **F**

### CLAWS DIRECT DRIVE SURFACE-MOUNT KIT 3

Product Code: SPIKEDS

1KIT\_S2

- **1 x Direct Drive Flush-mount mechanism**
- 1 x Surface-mount Spike Modules **G**





# POWERFUL SOLUTIONS FOR INDUSTRIAL AND COMMERCIAL ACCESS CONTROL

With over 30 years' experience providing robust and reliable products, Centurion Systems has carved a path for itself as Africa's premier manufacturer and exporter of access automation solutions, and has become a turnkey provider serving a diverse array of sectors and industries.

## SECTOR II HIGH-VOLUME INDUSTRIAL TRAFFIC BARRIER

- High-volume capability
- Robust and stylish housing
- Easy setup with LCD user interface
- Electronics reside at top of enclosure for easy access
- Rapid and safe boom pole raising and lowering



## CLAWS BARRIER SPIKES

- Standard modular system ensures good stock continuity
- Modular construction allows components to be transported and installed with ease
- Robust construction built to withstand impacts from vehicles
- All moving parts are removable for easy maintenance



## FAAC BOLLARDS

- Innovative solutions to meet any application need
- FAAC Hydraulic Technology boasting 50 years' world wide excellence
- High-quality components to ensure exceptional performance
- Products designed to simplify installation and maintenance



## FAAC DOOR AUTOMATION SOLUTIONS

- Open and close in near-total silence
- Slimline, aesthetically-pleasing design
- Advanced energy-saving technology for an automation solution that is also kind to the environment
- Easy installation and maintenance



## TURNSTILES

- Added bar at top of turnstile for improved security
- Very easy installation
- Stainless steel look and feel enhancing aesthetics and durability
- True flat pack shipping for reduced costs and handling







## OUR DIGITAL AND ONLINE BRAND PRESENCE AND SUPPORT

### WEBSITE

- Landing pages in French, Spanish, Portuguese and Thai
- Access to product documentation, comparison charts and diagnostic guides
- Device software
- G-WEB PLUS interface for administering CENTURION GSM devices
- Massive library of useful articles
- <http://www.centsys.com>

### SUPPORT

- Dedicated technicians, unrivalled backup support and friendly and efficient sales personnel
- Technical support in all official languages, as well as French, Spanish and Portuguese
- Call centre operates 7am to 6pm (GMT +2), Monday to Friday and 8am to 4:30pm (GMT +2) on Saturdays

### SOCIAL MEDIA

- “Like” our Facebook page ([www.facebook.com/centurionsystems](http://www.facebook.com/centurionsystems)) and follow us on Twitter (@askCenturion) for all the exciting company news, launches, roadshows, competitions as well as technical and sales support
- Subscribe to our YouTube channel for access to an extensive library of how-to videos and tutorials
- Interesting and innovative installations from around the world, including unusual uses of CENTURION products
- Are you on our YouTube channel? Showcase your installations!

### NEWSLETTER

- Fantastic way of staying abreast of company news, developments, events and functions, new products and enhancements to existing range



## INDUSTRY-LEADING PRODUCT TECHNOLOGIES

### TECHNOLOGY

CENTURION products feature a host of industry-leading technologies, all conducive to greater security, greater convenience and superior functionality. Just some of the advanced technologies found in our products are:

- **ChronoGuard** – a world-first timer technology that allows the user to set a myriad Auto-activation and Time-barring functions using the onboard Real Time Clock and Calendar, which tracks the date up to the year 2099
- **Intruder-detection Alarms** – The novel feature-set – consisting of the Beam Alarm and Ambush Alarm - ups the security ante even further by providing an audible output when the infrared gate safety beams are obstructed, or remain interrupted for a pre-defined period of time
- **Code-hopping technology** – CENTURION remote controls are equipped with code-hopping encoders which process the outgoing transmission through a sophisticated encryption engine, making copying and cloning virtually impossible. No two transmitted codes will ever be alike

- **Onboard diagnostics** – Our D-Series range provides both audible and visual feedback of the gate status at any given time. In addition, a designated diagnostic screen makes fault-finding a breeze
- **High-volume capability** – CENTURION operators are designed to work hard, and work hard they do – with some operators such as the SECTOR II traffic barrier being capable of performing in excess of 3000 operations every single day



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