SWING GATE OPERATORS

There is virtually limit to the capabilities of our swing gate operators; combining industry-leading functionality, world-class reliability and ease of installation, CentSys' swing gate operators truly are in a league of their own. We have even given special attention to aesthetic value, ensuring that your gate operator is as good looking as it is dependable.

Swing Gate Operator Quick Selection Guide

This quick selection guide will help you to select the perfect CentSys operator for you or your client's swing gate by providing the differentiating features and key specifications of each.

		R3	R5
Input voltage [1]		220V - 240V AC	90V - 240V AC
Maximum gate leaf width for corresponding gate mass		2m - 250kg	2m - 600kg
		3.5m - 150kg	3.5m - 260kg
Typical gate opening time		11 sec	17 sec
Maximum daily operations	Domestic	150	-
	Light-industrial	-	250
Onboard multichannel receiver		-	-
Interface type		LED-based	LED-based
Automatic beam test		-	-

	VECTOR2 400	VECTOR2 500	IT24N
90V - 240V AC	90V - 240V AC	220V - 240V AC
2m - 500kg	2m - 600kg	2m -550kg
4m - 200kg	4m - 310kg	3.5m - 400kg
14 sec	17 sec	<20 sec
100	100	-
250	250	-
√	√	-
LCD	LCD	LED-based
√	√	-

1. Can operate off a solar supply, consult Centurion Systems (Pty) Ltd for assistance

SWING
GATE OPERATOR
QUICK SELECTION
GUIDE

VECTOR2
Linear Swing Gate Operators
Product Codes: VECTOR2 400: **VEC40002V4_AU,** VECTOR2 500: **VEC50002V4_AU**

The VECTOR2 range of linear swing gate operators are quick and easy to install, provide high push force and operate at rapid speeds while still allowing for smooth acceleration and deceleration – courtesy of full position control technology.

Models available

VECTOR2 400:   A reliable operator for the majority of domestic swing gate applications

VECTOR2 500:   Features an extended stroke for large domestic and light-industrial swing gates

Main Features

Mechanical Features

- Battery backup
- Linear actuator system for quick and easy installation
- Wallbox includes LED Gate Status Output and reliable Anti-tamper indication
- Revolutionary centrifugal brake – ensures secure braking
- High push force to handle large gates and offer greater reliability in high-wind conditions
- Robust and durable construction extends operating life of the system
- In-line design for improved aesthetic appeal

Electronic Features

- Onboard gate lock relay – can be configured to provide either a normally-open or normally-closed output, AC or DC
- Safe anti-crushing protection for greater safety – keep your children, pets and vehicles out of harm's way
- Quadra-drive technology – Soft Start and Stop and gate speed is adjustable in both directions
- LCD interface for exceptionally easy setup

- Diagnostic screens indicating:
  - Battery-low
  - Battery charge level
  - Fuse blown
  - High current draw
  - Details of the last transmitter activated
  - Health of the drive electronics
  - Currently activated gate inputs
  - See Diagnostics Made Easy for further details
- Full position control obviates the need for endstops and makes the system quick and easy to install
- Multiple operating features including Intruder-detection Alarms (a world first)
- Onboard CentSys code-hopping multichannel receiver with selective add and delete - operate a multitude of functions; for e.g. operate gate, switch on Pillar Light, Pedestrian Opening, etc.

Technical Specifications

Technical Data	VECTOR2 400	VECTOR2 500
Input voltage 1	90V 8/ 220V - 240V AC ± 10%, 50Hz	
Motor voltage	12V DC	
Motor power supply 2	Battery-driven - charger 800mA/2A	
Battery charger		
Domestic (D)	CP84E - 800mA @ 13.8V	
Light-industrial (L)	CP84SM - 2A @ 13.8V	
Current consumption (mains)	60mA (D)/170mA (L)	
Current consumption (motor at rated load)	3A - max	
Push force – maximum	250kgf	
Operator stroke	400mm	500mm
Piston extension/retraction speed	27mm / sec	
Gate opening time – typical 7	<14 sec	<17 sec
Manual override	Key release	
Duty cycle - mains present 3,4	25% (D)/ 50% (L)	
Daily operations - maximum	100 (D)/ 250 (L)	
Operations in standby with 7Ah battery 5		
Half day	70	
Full day	58	
Maximum leaf width for corresponding gate mass	2m - 500kg 4m - 200kg	2m - 750kg 4m - 310kg
Collision sensing	Electronic	
Controller solenoid output rating	2A DC	
Operator temperature range	-15°C to + 50°C	
Receiver frequency	433MHz	
Receiver code storage capacity	64 transmitter buttons	
Degree of protection	IP54	
Mass of unit packed (excluding battery)		
Single kit	8.5kg	9kg
Double kit	14kg	15kg
Packaging dimensions	Width: 1075mm x Depth: 127mm x Height: 120mm	Width: 1283mm x Depth: 127mm x Height: 120mm

1. Can operate off a solar supply, consult Centurion Systems (Pty) Ltd for assistance
2. Can increase battery capacity for longer standby times
3. Based on 25°C ambient temperature and unit not in direct sunlight
4. Based on an operator push force of less than 50% of rated
5. Based on double kit excluding infrared Photocells
6. Assumes a 90° opening gate and optimum mounting position
7. Assumes full stroke of operator is used
8. CP84SM only
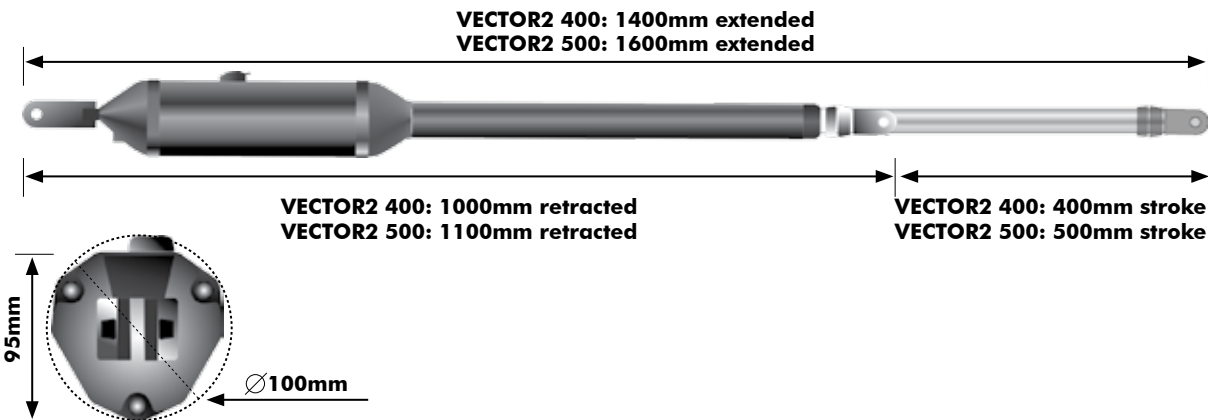D. Domestic
L. Light-industrial

Cabling Requirements

1. 90V / 220V - 240V AC mains cable via mains isolator switch **1** (3 core LNE 0,5mm²) **2**, or low-voltage 16V AC battery charger supply **4** (2 core 1,5mm²)

2. Master Motor (MTR M) or Slave Motor (MTR S) cable (minimum, 2 core 2mm² + 4 core 0,5mm² multi-stranded) see note **6**

Optional Wiring (all cable is multi-stranded):

3. Intercom, cable from control box to dwelling (n1 **7** + 6 core **4** 0.5mm² multi-stranded) or cable from control box to entry panel (n2 **7** 0.5mm² multi-stranded)

4. Radio receiver cable (3 core 0,5mm² multi-stranded, optional) **5**

5. Pedestrian Keyswitch (2 core 0,5mm² multi-stranded) or optional keypad (3 core 0,5mm² multi-stranded)

6. Infrared Photocells or safety edge (3 core 0,5mm² multi-stranded or 4 core 0.5mm² for CE compliance)

7. Intercom cable (n2 + 2 core 0,5mm² multi-stranded) to gate station

8. Electric lock (2 core 1.5mm²)

9. Pillar Light cable (3 core, size according to power regulations)

10. Inductive loop detector for free-exit (1 core 0.5mm² multi-stranded - silicone-coated)

1. Mains isolator must be fitted less than 1m from controller

2. Increase cable thickness if Pillar Lights are to be installed

3. Screened cable is always recommended to provide better protection against lightning - earth one end of screening

4. Domestic charger only

5. For optimum range an external receiver can be mounted on the wall

6. CentSys has available custom VECTOR2 cable order reference: CABLEVEC68

7. Number of cores required by the intercom

VECTOR2 400: 1400mm extended
VECTOR2 500: 1600mm extended

VECTOR2 400: 1000mm retracted
VECTOR2 500: 1100mm retracted

VECTOR2 400: 400mm stroke
VECTOR2 500: 500mm stroke

95mm

⌀100mm

Windloading
swing gates

In this modern age of smartphone apps and genetic engineering, there seems to be very few things that we don't have total control over. A recent radio segment even spoke about how, in a couple of years' time, we'll be printing 3D vital organs, meaning that we may even some day have control over how long we live. But one of the few things that in all likelihood will remain beyond our control is the weather. When it comes to the weather, we are forever at Mother Nature's mercy.

For exactly this reason, it's important to ensure that your swing gate operator can weather the storm, so to speak. As we mentioned in a previous article, swing gates suffer more resistance in their trajectory since they operate in multiple planes whereas sliders operate in only a single plane. One thing to keep in mind is that, the longer the gate leaf, the more susceptible it will be to unfavourable wind loading. This is simple physics, really.

The larger the surface area, the more impact an applied force will have.

Our award-winning VECTOR2 range has been outfitted with a revolutionary centrifugal brake system that is able to withstand significant force in the opposite direction, such as might be exercised by wind. To help you get the most out of your swing gate system, we have created the table below indicating the maximum wind loading conditions for corresponding gate length under which your VECTOR2 swing gate motor will still perform optimally. You'll notice that your A and B installation dimensions, as well as the percentage of coverage of the gate leaf, also play an important role when determining these values.

For a 25% covered gate: (Palisades, etc.) x 1.8m high

Value of A or B dimensions once installed✛	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m★	Up to 3.5m★	Up to 4m★
100mm	94km/h	48km/h	44km/h	41km/h	37km/h	37km/h
140mm	119km/h	65km/h	57km/h	51km/h	46km/h	46km/h
180mm	138km/h	78km/h	67km/h	60km/h	53km/h	53km/h
220mm	156km/h	89km/h	76km/h	67km/h	60km/h	60km/h
260mm	171km/h	99km/h	84km/h	74km/h	65km/h	65km/h
300mm	186km/h	108km/h	91km/h	80km/h	71km/h	71km/h
340mm	199km/h	116km/h	98km/h	86km/h	76km/h	76km/h

For a 100% covered gate: (Fully clad gates, etc.) x 1.8m high

Value of A or B dimensions once installed✛	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m★	Up to 3.5m★	Up to 4m★
100mm	47km/h	33km/h	24km/h	22km/h	20km/h	19km/h
140mm	59km/h	43km/h	32km/h	28km/h	26km/h	23km/h
180mm	69km/h	50km/h	39km/h	34km/h	30km/h	27km/h
220mm	78km/h	57km/h	44km/h	38km/h	34km/h	30km/h
260mm	86km/h	63km/h	49km/h	42km/h	37km/h	33km/h
300mm	93km/h	68km/h	54km/h	46km/h	40km/h	35km/h
340mm	100km/h	74km/h	58km/h	49km/h	43km/h	38km/h

★ An electric lock must be fitted   ✛ Refer to the VECTOR2 Installation Manual for installation details

R3 and R5
Rotary Swing Gate Operators
Various kit combinations available - refer to Price List

CENTSYS

These robust rotary swing gate operators allow for fast, smooth and quiet operation of the gate.
Mounted separately on a pedestal, the R3 and R5 operators are ideal for gate installations with wide pillars. Besides offering very safe anti-crushing, the operators support a host of very useful functions for looking after the gate entrance.

Models Available

R3: The logical choice for domestic gates with large pillars

R5: This unit is well-suited for large domestic and light-industrial swing gates

Main Features

Mechanical Features

- Battery backup
- Rotary arm system – ensures smooth and exceptionally reliable operation
- Both wall- and pedestal-mount configurations for greater flexibility of installations
- Fast operation – for optimum security and convenience
- Whisper-quiet operation – totally unobtrusive operation

Electronic Features

- Multiple programmable features – to suit a wide variety of applications
- Master motor with integrated controller and charger simplifies the installation
- Adjustable Autoclose timer – gate is never left open unnecessarily

- Diagnostic LEDs for easy programming
- Dedicated Pillar Light Relay
- The following onboard inputs and outputs are provided:
  - Free-exit input
  - Trigger input
  - Solenoid lock connection
  - 12V DC output for auxiliary devices such as external receivers, gate Photocells, etc.
  - Input for infrared Photocells
  - Pedestrian Opening input
  - Dedicated Holiday Lockout input
- Fuse-protected

Technical Specifications

Technical Data	R3 Domestic	R5 Light-industrial
Input voltage [1]	90V [4] / 220V - 240V AC ± 10%, 50Hz	
Motor voltage	12V DC	
Motor power supply	Battery-driven (standard capacity - 12V 7Ah) [5]	
Battery charger	CP84E – 800mA @ 13.8V	CP84SM - 2A @ 13.8V [5]
Current consumption (mains)	60mA	170mA
Current consumption (motor at rated load)	4A	6A
Operator output torque - maximum	95Nm	250Nm
Typical gate opening time (90°)	11 sec	17 sec
Manual override	Allen key under locked cover with key release	
Maximum numbers of operations per day	150	250
Duty cycle – mains present [3,4]	20%	50%
Operations in standby with 7Ah battery [2]		
Half day	81	34
Full day	64	27
Operations in standby with 40Ah battery [2]		
Half day	150 [6]	226
Full day	150 [6]	219
Collision sensing	Electronic	
Operating temperature range	-15°C to +50°C	
Receiver type	External	
Mass of unit packed (Master - kit with PC Board and charger, but excluding battery)	10.01kg	10.5kg
Maximum leaf width for corresponding gate mass	2m - 350kg	2m - 600kg
	3.5m - 350kg	3.5m - 260kg
Packaging dimensions (Master - kit with PC Board and charger, but excluding battery)	Width: 370mm x Depth: 260mm x Height: 320mm	

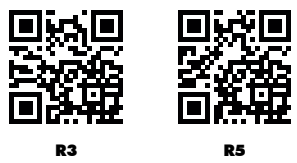1. Can operate off a solar supply, consult Centurion Systems (Pty) Ltd for assistance
2. Based on 4m gate, excluding infrared Photocells
3. Based on 25°C ambient temperature and unit not in direct sunlight
4. CP84SM2A only
5. Can increase battery capacity to 40Ah for longer standby times
6. Limited by number of maximum operations per day

R3™

R5™

R3   R5

ROTARY
SWING GATE
OPERATORS

Multi-lingual
world class
technical support

Cabling Requirements

1. 220V - 240V AC mains cable via double pole mains isolator switch (3 core LNE 1.5mm² **1** SWA **2**) or low-voltage cable from transformer (34V secondary @ 800mA) to battery charger (2 core + earth 1.5mm² Norsk)

2. Master Motor (MTR M) or Slave Motor (MTR S) cable (minimum, 3 core 2.5mm² + 3 core 0,5mm² multi-stranded)

Optional Wiring (all cable is multi-stranded):

3. Intercom, cable from control box to dwelling (n1 **6** + 6 core **3** 0.5mm² multi-stranded) or cable from control box to entry panel (n2 **6** 0.5mm² multi-stranded)

4. Infrared Photocells (3 core 0.5mm² multi-stranded)

5. Access control device (3 core 0.5mm² multi-stranded **4**)

6. Pedestrian Keyswitch (2 core 0.5mm² multi-stranded) or

7. Keypad (3 core 0.5mm² multi-stranded)

8. External radio receiver (3 core 0.5mm² multi-stranded **5**)

9. Pillar Lights (3 core LNE SWA **2**, size according to power requirements)

10. Ground loop for free-exit (1 core 0.5mm² multi-stranded - silicone-coated)

11. Electric lock (2 core 1.5mm²)

1. Possibly increase cable thickness if Pillar Lights are to be installed

2. SWA - steel wire armoured type of cable must adhere to municipal bylaws and preferably be screened. Screening provides better protection against lightning - earth one end of the screening

3. Allows for all features such as Pedestrian Opening, Status LED, etc. to be operated from the intercom handset inside the dwelling

4. Number of cores and type of cable could vary depending on the brand of access control system being used

5. For optimum range an external radio receiver can be mounted on the wall

6. Number of cores required by the intercom

Thanks to the recent addition of a formidable team of tech-savvy polyglots to our technical support call centre, we are now not only able to provide you with world-class support on your CentSys-manufactured or supported product, but chances are we are able to do it in your own language! *C'est formidable!*
The CentSys technical support call centre now offers support in all eleven official South African languages as well as French, Portuguese and Spanish. In addition to their linguistic abilities, all of our support technicians are highly skilled and hold various technical qualifications; they have also received extensive training on all CentSys access automation products from both our product trainers and our support training facilitator, Dumisani Sibeko. You're in good hands, *mon ami.*If you're based locally, you can reach these very astute tech support guys and gals on our ShareCall number, 0861 003 123, or on +27 11 699 2481 if you're dialling from outside of South Africa.
We'd also like to remind you about some of the other platforms through which you can make contact with us:

It turns out social media channels are good for more than playing Farmville and looking at pictures of cats in amusing poses with adorably misspelt captions. Who knew? We actively monitor these channels so go on and send us your questions, compliments or complaints. Do it!

We have an entire channel on YouTube chock-a-block with useful how-to tutorials covering our most popular gate motors and access control products. So, while YouTube has mostly been taken over by videos featuring the scandalous exploits of pop stars, it's good to know that one can still learn something!
There is also a comments section for you to post your questions.

If you're looking for a nice read that's also educational, we believe our blog checks both of those boxes. Everything from improving your intercom's speech quality to getting better range out of your remote control is covered on the official CentSys blog.

Whether you're looking to download product documentation, register your device, use the G-WEB online interface, find out more about one of our products or just get to know us a little better, **www.CentSys.com** is the place to be!

Even in the so-called Digital Age, there's still no substitute for good old-fashioned human interaction, and with eight branches nationwide and one in Nigeria, we're just dying to meet you in person!
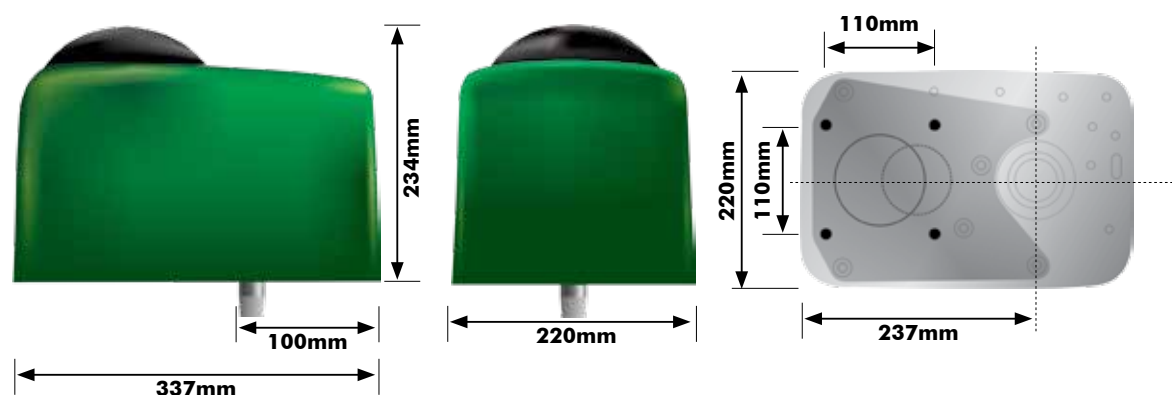
IT24N
Underground Swing Gate Operator
Product Code: **BEN9591457 / BEN9150039**

CENTSYS

A powerful underground swing gate operator for discerning home owners that do not want to see an operator moving their gates, the IT24N provides reliable swing gate automation for gates up to 3.5 metres wide without impacting the aesthetic appeal of the gate. These operators are also ideal for operating gates with limited or sidewall space.

Suitable for domestic and light-industrial applications providing safe, quiet and reliable operation.

Main Features

Mechanical Features

- Hidden from view for greater aesthetic appeal
- Battery backup
- Extremely potent and reliable motor reduction unit for smooth and dependable operation

Electronic Features

- Multiple operating features – to suit a wide variety of applications
- Proven lightning protection for greater reliability
- High immunity to noise – not affected by external interference
- Micro controller platform allows customisation – improved versatility
- Trigger input with local test button – useful for testing the operation of the device when a transmitter is not available
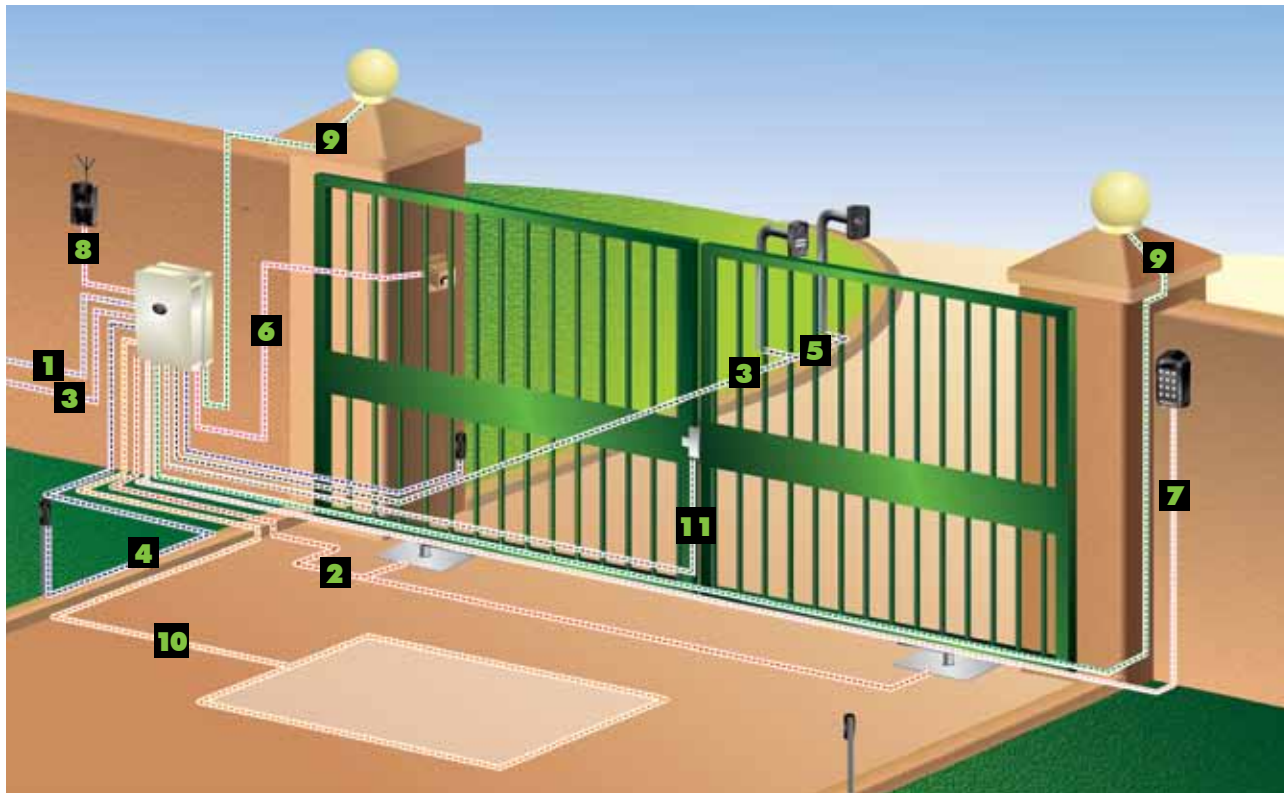- Local and remote multi-function Gate Status LED

- Pedestrian Opening input - prevents unauthorised vehicle access
- Photocell input – connecting infrared Photocell dramatically increases the safety of the automated system
- Free-exit input (only opens gate) – ideal for fitting free-exit ground loops or pushbuttons in townhouse complexes and high-volume vehicle access applications
- Holiday Lockout input – ensures that gate cannot be opened when home owners are away
- Timed potential-free contact (e.g. Courtesy Lights)
- Low-voltage switching of potential-free contact
- Selectable/adjustable Autoclose timer (5 – 45 seconds)
- Override of Autoclose timer via trigger input
- Local diagnostic LEDs for easy programming
- Available in 12V and 24V DC variants

IT24N
Underground Swing
Gate Operators
BENINCA

Technical Specifications

Technical Data	IT24N
Input voltage **1**	220V - 240V AC ± 10%, 50Hz
Motor voltage	24V DC
Motor power supply **2**	Battery-driven 500mA charger
Operator output torque	360Nm
Gate opening time – typical **3**	<20 sec
Duty cycle – mains present **4**	50%
Daily operations – maximum	200
Operating temperature	-15°C to +50°C
Maximum leaf width for corresponding gate mass	2m – 550kg 3.5m – 400kg
Allowable wind loading – 100% coverage	2m – 45km/h 3.5m – 25km/h
Degree of protection	IP67
Boxed shipping weight (operator and foundation plate)	20.5kg
Dimensions	Width: 350mm x Depth: 200mm x Height: 133mm

1. Can operate off a solar supply, consult Centurion Systems (Pty) Ltd for assistance

2. Battery-driven with two x 7Ah batteries (can be upgraded for longer power failure autonomy)

3. Assumes a 90° opening gate

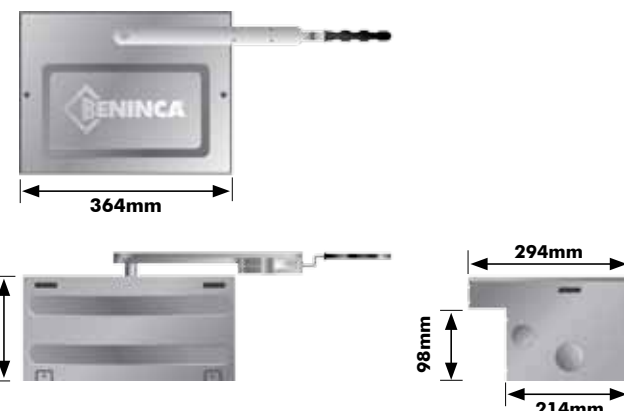4. Based on 25°C ambient temperature and unit not in direct sunlight

UNDERGROUND SWING GATE OPERATOR

Cabling Requirements

1. 220V - 240V AC mains cable via double pole mains isolator switch (3 core LNE 1.5mm² **1** SWA **2**) or low-voltage cable from transformer (34V secondary @ 800mA) to battery charger (2 core + earth 1.5mm² Norsk)

2. Motor cables (2 core + earth 1.5mm², 3 core 0.5mm², multi-stranded **2**)

Optional Wiring (all cable is multi-stranded):

3. Intercom cable from control box to dwelling (n1 **7** + 6 core **3** 0.5mm² multi-stranded) or cable from control box to Entry Panel (n2 **7** 0.5mm² multi-stranded)

4. Photocells (3 core 0.5mm² multi-stranded)

5. Access control device (3 core 0.5mm² multi-stranded **4**)

6. Pedestrian Keyswitch (2 core 0.5mm² multi-stranded) or

7. Keypad (3 core 0.5mm² multi-stranded)

8. External radio receiver (3 core 0.5mm² multi-stranded **5**)

9. Pillar Lights (3 core LNE SWA **2**, size according to power requirements)

10. Inductive loop detector for free-exit (1 core 0.5mm² multi-stranded - silicone-coated **7**)

11. Electric lock (2 core 1.5mm²)

1. Possibly increase cable thickness if Pillar Lights are to be installed

2. SWA - steel wire armoured type of cable must adhere to municipal bylaws and preferably be screened. Screening provides better protection against lightning - earth one end of the screening

3. Allows for all features such as Pedestrian Opening, Status LED, etc. to be operated from the intercom handset inside the dwelling

4. Number of cores and type of cable could vary depending on the brand of access control system being used

5. For optimum range an external radio receiver can be mounted on the wall

6. Consult manufacturer of loop detector for specific details

7. Number of cores required by the intercom

364mm

152mm

294mm

98mm

214mm

www.CentSys.com.au

Answer your intercom... from just about anywhere!

Installing a G-SPEAK GSM-based intercom is so quick and easy, you'll be on the beach in no time

Main Features:

- Your mobile phone becomes your intercom handset **-** making it appear that you are always home, greatly increasing security
- Up to four input/output channels with 100 authorised users ★
- Add and delete authorised numbers quickly and securely via SMS
- Can be powered via most gate motors
- Easy to install and commission

The G-SPEAK is so much more than an intercom system! With its simple, effortless dialling to dedicated numbers, it's also ideal for:

- Small children to reach their parents
- Elderly persons to reach their children and caregivers
- Warehouse receiving areas

★ Applicable to the G-SPEAK Classic+ model only

G·SPEAK™

Swing Gate Operator Accessories

CENTSYS

A. CentSys Photocells
Product Code: Photon wireless photocells: **PHOTON1V1_AU;**
i5 wired photocells: **I5V3_AU**

Always recommended on any gate automation installation to increase the safety of the automated system.

B. FLUX SA Loop Detector
Product Code: **FLUXSA00V1_AU**

Allows free-exit of vehicles from the property (requires ground loop to be fitted).

C. Solar Supply
Product Code: **ESOLAR20WA/ESOLAR40WA**

Alternative means of powering the system – consult Centurion Systems (Pty) Ltd for details.

D. CentSys Transmitter
Product Code: One-button: **TX1NV2433_AU;** Two-button: **TX2NV433_AU;**
Three-button: **TX3NV2433_AU;** Four-button: **TX4NV2433_AU**

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

E. G-SWITCH-22 GSM Device
Product Code: **GSWITCH0V3_AU**

Allows for monitoring and activating the operator, via your phone, from anywhere in the world with GSM coverage.

F. SMARTGUARD or SMARTGUARDair Keypad
Product Code: **SK/1BLK_AU, SK/AIRBLK_AU**

Cost-effective and versatile wired or wireless keypad, allowing access for pedestrians.

G. Pedestrian Keyswitch
Product Code: **CP55K**

Basic key-operated switch for allowing access for pedestrians.

H. POLOphone/G-SPEAK Intercom
Product Code: **POLOH00WV1_AU, POLOE2GOV3_AU / GSC0K020V0_AU, GSC1K020V0_AU**

Allows visitors to communicate with people inside in order to gain access to the property.

I. SOLO/LATTICE Proximity Access Control
Product Code: **SOLO0001V1_AU / LATC0003V1_AU**

Proximity reader for allowing access for both pedestrians and vehicles.

J. Gooseneck
Product Code: **XGSN-60000 or XSGN-6GLV0**

Steel pole for mounting intercom gate station or access control.

K. VECTOR2 Cable
Product Code: **CABLEVEC**

VECTOR2 cable has been optimised for the VECTOR2 range of swing gate operators to provide reliable operation time and time again.

L. VECTOR2 Wallbox
Product Code: **VECCAD02V5_AU**

A fully weatherproof wall-mounted enclosure for your VECTOR2 operator's electronics, providing a neat and convenient central point of operation.

VECTOR2 Optional Mounting Accessories

M. Gate Adaptor Kit
Product Code: **VECGAK00V1**

This kit is used when a need arises to spread the load absorbed by the gate bracket over a wide area of the gate surface. The Spreader Plate can be welded between bars or onto an existing beam. This should be used when the gate is made of thin-section material, and is highly recommended for all light-industrial installations.

N. Mechano Kit
Product Code: **VEKMAK00V1**

The securing plates in this kit have been designed to secure to either the standard-, or high-security wall brackets. The position of the holes in the securing plate ensures maximum flexibility in selecting the most appropriate mounting point for the operator.

O. High-Security Kit
Product Code: **VEKHSK001V1**

The High-Security Wall Bracket enables the installer to spread the load of the cyclic repetition of the gate opening over a wider wall area, along with providing more static strength against attempted forced entries.

The Long Security Plate enables the installer to position the operator according to the installation tables easily with a minimum of cutting, grinding and welding.

P. Wall Adaptor Kit
Product Code: **VEKWAK00V1**

The Wall Adaptor Plate spreads the load of the wall-bracket over four holes vertically. This kit can be used with either the standard-, or high-security wall brackets.

Swing Gate Operator Kits

Single VECTOR2 400 or 500 Kit

Product Code: VEC4KITSLIND or VEC5KITSLIND

- 1 x Operator **1**
- Mounting hardware **M**
- 1 x Controller **A**
- 1 x Wallbox (includes mains isolator and external status LED indicator board)1 x 7Ah battery **F**
- 1 x 2A Switch Mode charger **H**
- 1 x 7Ah battery **I**
- 1 x LED External Indicator Board **D**
- 1 x Onboard CentSys multichannel receiver
- 2 x 4 button CentSys transmitters **E**

Single R3/R5 Pedestal/Wall-mount Kit

Product Code: Refer to price lists

- 1 x Operator **2**
- Mounting hardware **M**
- 1 x Charger (R3: 800mA) **G**
- 1 x Charger (R5: 2A Switch Mode) **H**
- 1 x Controller **B**
- 1 x 7Ah / 33Ah battery **I**

Single IT24N kit

Product Code: BENUG24KITS

- 1 x Operator (including foundation box, cover plate, and internal linkages) **3**
- 1 x Controller **C**
- 1 x Wallbox **F**
- 1 x CP24 24V charger
- 2 x 7Ah battery **I**

Double VECTOR2 400 or 500 Kit

Product Code: VEC4KITDLIND or VEC5KITDLIND

- 2 x Operators **1**
- Mounting hardware **M**
- 1 x Controller **A**
- 1 x Wallbox (includes mains isolator and external status LED indicator board)1 x 7Ah battery **F**
- 1 x 2A Switch Mode charger **H**
- 1 x 7Ah battery **I**
- 1 x LED External Indicator Board **D**
- 1 x Onboard CentSys multichannel receiver
- 2 x 4 button CentSys transmitters **E**
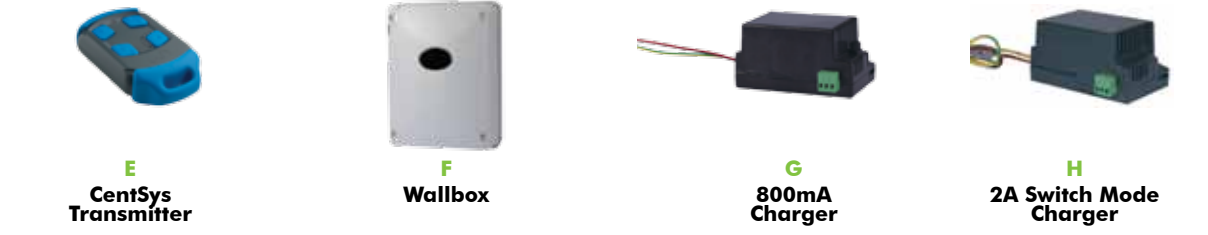
Double R3/R5 Pedestal/Wall-mount Kit

Product Code: Refer to price lists

- 2 x Operator **2**
- Mounting hardware **M**
- 1 x Charger (R3: 800mA) **G**
- 1 x Charger (R5: 2A Switch Mode) **H**
- 1 x Controller **B**
- 1 x 7Ah / 33Ah battery **I**

Double IT24N kit

Product Code: BENUG24KITD

- 2 x Operators (including foundation boxes, cover plates, and internal linkages) **3**
- 1 x Controller **C**
- 1 x Wallbox **F**
- 1 x CP24 24V charger
- 2 x 7Ah battery **I**

1
VECTOR2

2
R3 R5

3
IT24N

A
VECTOR2 controller

B
R3 R5 controller

C
CP77 24V controller

D
VECTOR2 LED External Indicator Board

E
CentSys Transmitter

F
Wallbox

G
800mA Charger

H
2A Switch Mode Charger

I
7Ah battery

J
33Ah battery

K
Battery housing

L
R3 R5 Mounting hardware

- Square tube - Pedestal-mount only (R3: 75 x 75mm; R5: 100 x 100mm)
- Wall bracket - Wall-mount only
- Gate bracket
- Drive arm clamp with wedge (includes bolts)
- Connecting pole
- Padlock and padlock shield (optional extras)

M
VECTOR2 Mounting hardware

- Gate bracket
- Pins
- Wall bracket

images are for illustrative purposes only - refer to text