## TECHNICAL SPECIFICATIONS

### INSTALLATION INFORMATION

<table>
<thead>
<tr>
<th>Height: 270mm (2 boxes)</th>
<th>Length: 1125mm</th>
<th>Width: 335mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Leaf Width</strong></td>
<td><strong>Maximum Leaf Length</strong></td>
<td><strong>Maximum Leaf Height</strong></td>
</tr>
<tr>
<td>VANTAGE 400: 970mm</td>
<td>VANTAGE 500: 1070mm</td>
<td>VANTAGE 400: 400mm</td>
</tr>
<tr>
<td>VANTAGE 500: 1570mm</td>
<td>VANTAGE 400: 1370mm</td>
<td>VANTAGE 500: 500mm</td>
</tr>
</tbody>
</table>

### OVERALL DIMENSIONS

<table>
<thead>
<tr>
<th>Gate opening 90° or less</th>
<th>Gate swing</th>
<th>Gate opening 110° or 120°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single kit</td>
<td>Double kit</td>
<td>Single kit</td>
</tr>
<tr>
<td>10.5kg</td>
<td>19kg</td>
<td>11kg</td>
</tr>
<tr>
<td>120°</td>
<td>100°</td>
<td>750kg</td>
</tr>
<tr>
<td>110°</td>
<td>110°</td>
<td>750kg</td>
</tr>
<tr>
<td>90°</td>
<td>90°</td>
<td>750kg</td>
</tr>
</tbody>
</table>

### MINIMUM INSTALLATION REQUIREMENTS

- **Minimum Height**
  - Gate opening 90° or less: 1.5m
  - Gate opening 110° or 120°: 2m
- **Minimum Width**
  - Gate opening 90° or less: 2.5m wide x 1.8m high
  - Gate opening 110° or 120°: 2.5m wide x 2m high
- **Maximum Height**
  - Gate opening 90° or less: 3.5m
  - Gate opening 110° or 120°: 4m

### Wind Loading

<table>
<thead>
<tr>
<th>Operator</th>
<th>Gate Opening 90° or Less</th>
<th>Gate Opening 110° or 120°</th>
</tr>
</thead>
<tbody>
<tr>
<td>VANTAGE 400</td>
<td>500g</td>
<td>310kg</td>
</tr>
<tr>
<td>VANTAGE 500</td>
<td>750kg</td>
<td>220kg</td>
</tr>
</tbody>
</table>

### TEAMS spec

- **Current consumption (quiescent load)**: 70mA
- **Current consumption (mains)**: 170mA
- **Operator stroke**: 400mm
- **Battery charger**: CP84SM - 1.8A @ 13.7V
- **Operating temperature**: -15°C to +50°C
- **Receiver code storage capacity**: 60 transmitter buttons
- **Receiver frequency**: 433.92MHz
- **Onboard receiver type**: NOVA code-hopping onboard multichannel
- **Gain**: 80 cycles
- **Half day**: 4

### ACCESSORIES

- **Operator’s controller electronics**: mounted enclosure for the operator’s controller electronics
- **Encryption**: incorporates code-hopping and four-button variants.
- **Gate intercom handset**: will allow visitors to gain access to the property
- **Batteries**: 80 cycles
- **Gate intercom gate station**: effectively allows visitors to communicate with people inside in order to gain access to the property
- **Solar supply**: to power the gate operator
- **FLUX SA loop detector**: to detect the presence of vehicles
- **Poductive reader for access control**: SOLO/Lattice proximity reader
- **Pedestrian keyswitch**: to allow access for pedestrians
- **Remote control reader**: to allow access for visitors
- **Wired and wireless keypad**: allows access to the property
- **Cost-effective and versatile**: SMARTGUARD air keypad
- **Control reader**: to allow access for visitors
- **Gooseneck**: for mounting intercom gate station or access control reader
- **Intercom handset**: for mounting intercom gate station

### THE V-SERIES WALL BOX

The V-Series Wall Box is supplied standard with all V-Series kits. It is a weatherproof enclosure which can be fixed in a vertical orientation, allowing for simple and easy operation. The enclosure incorporates the comprehensive design of the V-Series operator and provides a compact and unique feature for any installation.

### SUPPORT

- **Technical support line**: 0861 003 123 (Monday - Friday: 07h00 - 18h00, Saturday 8h00 - 13h30)
- **Call**: 0860-CENTURION (0860 236 887) to order or to find out more
VANTAGE

Silent, stylish, secure and strong: These are some of the words that describe the VANTAGE linear swing gate motor for domestic and industrial gates.

Standing tough on the front line of security, the VANTAGE line of linear swing gates are designed to work hard for years to come. It is a motor that can take on any challenge.

MAIN FEATURES

Heavy-duty security

When it comes to your home’s security, you can’t risk mediocrity, and with its high-grade cast aluminium housing and powerful DC motor, operations nothing more than a whisper.

In addition, the VANTAGE’s full-sized motor housing with custom-machined gears ensures that it is as good at shrugging off the elements as it is at keeping intruders out.

Low-profile in-line design

The VANTAGE has a low-profile design with in-line construction of the motor housing and actuating arm. This achieves the aesthetic appearance of the operator allowing it to blend in as unobtrusively as possible with the design of the gate.

Easy to install

The fully integrated linear swing operator with no complicated linkages makes the installation of the system very quick and easy. Added to this, the internal position control mechanism simplifies the installation even further for the gate no longer requires end-of-travel endstops.

High push force

The high-torque DC motor operating through an efficient planetary gearbox, delivers a potent 320kg push force. The VANTAGE is capable of reliably operating swing gates in the majority of residential and industrial applications.

Revolutionary brake

The revolutionary braking system developed for the V-Series range of operating swing gate motors ensures secure locking of the operator when the gate is open and closed.

Internal limits

The VANTAGE is advanced internal limit system guarantees very reliable operation and precise control of the movement of the gate. It is designed to provide precise position information from the controller, resulting in expanded reliability and setting the standard in early collision control of the movement of the gate. It is designed to provide precise position information from the controller, resulting in expanded reliability and setting the standard in early collision control of the movement of the gate. It is designed to provide precise position information from the controller, resulting in expanded reliability and setting the standard in early collision control of the movement of the gate. It is designed to provide precise position information from the controller, resulting in expanded reliability and setting the standard in early collision control of the movement of the gate. It is designed to provide precise position information from the controller, resulting in expanded reliability and setting the standard in early collision control of the movement of the gate. It is designed to provide precise position information from the controller, resulting in expanded reliability and setting the standard in early collision control of the movement of the gate.

Simplex controller

The V-Series controller contains memory and the ability to adapt the system to suit the requirements of almost every application.

Anti-fatigue cable harness

Every aspect of this VANTAGE has been designed to work hard, and its anti-fatigue cable with over-molded stress relief reduces for wear-reliability and maximum resilience.

Operate wirelessly, thanks to CENTURION

Boasting tough-as-nails die-cast aluminium construction throughout, a grade 304 stainless steel wormshaft for the ultimate in reliability and durability and with sophisticated electronics for smooth, safe operation, VANTAGE gives you everything you need to make the future your way.

VANTAGE SINGLE OPERATOR DUTY CYCLE AS A FUNCTION OF OPERATING TIME

Projected Life Span

VANTAGE DUAL OPERATOR DUTY CYCLE AS A FUNCTION OF OPERATING TIME

Simplified controller features

1. Separate weatherproof housing for dual-channel controller, battery and charger
2. Fully-sealed plastic housing for controller to prevent ingress of dirt and moisture
3. Easy setup of transmitter button assignments and with optional code-hopping technology offering the highest level remote control security, this CENTURION’s onboard controller is both multichannel and multi-user. It allows for much faster remote control to operate any combination of the system inputs, such as Gate Swing, Break-in and Ambush Alarms, etc.

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**Enduring, Reliable, Made to Last:**

- **Secure:** Designed for maximum protection, the VANTAGE delivers anti-crushing and anti-protrusion features to keep your home safe.
- **Efficient:** With a powerful 320kg push force, the VANTAGE is capable of reliably operating swing gates in the majority of residential and industrial applications.
- **Reliable:** The high-quality materials and advanced technology used in the VANTAGE ensure years of trouble-free operation.
- **Easy to Install:** The VANTAGE is designed with ease of installation in mind, ensuring a quick and seamless installation process.
- **High Performance:** The powerful 320kg push force is ideal for heavy-duty applications, ensuring smooth operation and reliable performance.
- **Low Profile Design:** The VANTAGE’s low-profile design ensures it blends seamlessly with the aesthetics of any home or business, enhancing the overall appearance.
- **Versatile Installation:** The VANTAGE can be installed on a wide range of gate types, providing flexibility for different needs.
- **Warranty:** Backed by a comprehensive warranty, the VANTAGE is a reliable choice for your home or business.

**Summary:**

The VANTAGE linear swing gate motor is a top choice for homeowners and businesses alike, offering superior performance, reliability, and ease of installation. With its advanced features and durable design, it stands up to the test of time, providing peace of mind for years to come. Whether you’re looking to enhance the security of your home or improve the accessibility of your business, the VANTAGE linear swing gate motor is the perfect solution.