Is your barrier arm operator this Smart? Thousand plus cycles after AC power loss*

**Extremely low maintenance** and minimal down time

**Easy to configure**, numerous functions including parking specific options

**Intelligent charging system**, monitors battery conditions to maximize battery life

**Tested and listed by Intertek**, a nationally recognized testing lab. Visit hysecurity.com for more on the significance of UL 325

---

**Ultra Reliable/Low maintenance • Millions of cycles • UPS standard • Field configurable**

---

**HIGH VISIBILITY LED LIGHTING** across top of arm increases safety

**RESILIENT BUMPER** along base protects against accidental injury or vehicle damage

**SMART DC CONTROLLER:** The ultimate in reliability, configurability and system troubleshooting.
- Powerful protection against lightning strikes and power surges
- Configure exact user needs with 70+ field adjustable settings
- 4 plug-in sockets for the superior HY-SA vehicle loop detector
- Extended relay module option provides eight additional relay outputs
- USB, RS-232, RS-485
- Optional PC interface for easy configuration and precise troubleshooting

**LCD SCREEN:** Configuration and troubleshooting made easy using 32 character display and 5 tact buttons, plus a 300 event downloadable fault log.

**SIMPLE INTEGRATION:** Seamless synchronization with all HySecurity operators for dual gate, or other specialized applications.

* Actual UPS cycles after power loss depend on conditions including DC powered accessories, length/weight of arm, cycles per hour, battery health, ambient temperature and others.

---

**Advanced Breakaway Barrier Arm**

Every StrongArmPark DC operator includes an advanced breakaway arm bracket, which reduces the cost of arm replacement due to vehicle strikes. The breakaway arm bracket adapts easily to typical aftermarket arms such as 1 x 4 inch wood or 2.5 inch square PVC.

**HySecurity barrier arms:**
- Custom PVC arms up to 10 ft (3 m) with LED lighting and bumper
- Custom aluminum arms up to 14 ft (4.3 m) with LED lighting and bumper
- Articulating arms with bumper, ideal for low clearance, underground garages

---

---
Smart DC Controller

**ALERT, REPORTING & BENEFITS**

**Security and breach reporting**
- Tailgate monitoring
- Gate open too long
- Unauthorized vehicle entry
- Gate forced open
- Vehicle loitering outside
- Trigger external cameras, floodlights, sirens, flashers

**Gate malfunction alert**
- Gate failure
- AC power failure
- Malfunction of vehicle detector or loop (requires HY-5A vehicle detector)

**Gate operation and alerts**
- Gate fully closed
- Gate fully opened
- Gate partially opened
- Gate external lock activation/deactivation
- Easy integration with other gate operators, as a sally port or dual gate system
- Easy installation configuration

**Safety**
- Warn before and/or during operation buzzer
- Turn on flashing lights before and/or during operation
- Actuate siren or flashing light before and/or during operation
- Safe mode: Gate edge or inherent entrapment sensor (IES) stops and reverses gate
- Entrapment mode: Two successive IES sensor activations (gate hits) requires manual operator reset

**Real time communication to site security system**
- Security breach or system operational malfunctions
- RS 485 port for network protocols or connections
- Ethernet available via converter
- Dry contact connection to one or more Smart Touch user relays

**S.T.A.R.T.**
Smart Touch Analyze and Retrieve Tool allows users to upload new operator software, download history or date and time stamped event logs, generate diagnostics, and program the operator.

**FEATURES & BENEFITS:**
- Menu mode for installer and end user configuration
- Patented Anti-Tailgate mode
- Solid state and SPDT installer configurable relay outputs for many interface options
- Optional plug-in HY-5A vehicle detectors that can’t crosstalk
- USB and RS-232 for connection to laptop
- RS-485 (ethernet optional) communication for remote monitoring and control
- Unparalleled power surge/lightning strike protection
- Easy one wire input terminal connections and common wire buss
- Approved to the latest UL 991 and UL 325 standards
- Listed for use in all UL defined application classes (I – IV) depending on operator
## StrongArmPark DC™ Gate System

![Single lane, one-way entrance gate](image)

### StrongArmPark DC™ Models

**Available mid 2013**

<table>
<thead>
<tr>
<th>Standard</th>
<th>StrongArmPark DC 10</th>
<th>StrongArmPark DC 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm Length Capacity</td>
<td>10 ft (3 m)</td>
<td>14 ft (4.3 m)</td>
</tr>
<tr>
<td>Field adjustable Open/Close Time</td>
<td>3 speeds – 1.5/2/2.5 seconds</td>
<td>3 speeds – 2.5/3/3.5 seconds</td>
</tr>
<tr>
<td>Full Open Angle</td>
<td>Adjustable 90º ± 10º</td>
<td></td>
</tr>
<tr>
<td>Handing</td>
<td>Left handing standard. Easy to convert to right handing in field.</td>
<td>Left handing standard. Right handed optional.</td>
</tr>
<tr>
<td>Arm Designs</td>
<td>Custom PVC, Custom aluminum</td>
<td>Custom aluminum</td>
</tr>
<tr>
<td>Articulating arm, 8 ft (2.4 m) or 9 ft (2.7 m) clearance</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>Brackets available for 1” x 4” (2.5 x 10 cm) wood and 2.5” (6 cm) square PVC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>Continuous</td>
<td></td>
</tr>
<tr>
<td>UPS Battery Backup</td>
<td>Two 8 Ah batteries. Operates for thousand plus cycles after AC power loss.*</td>
<td></td>
</tr>
<tr>
<td>Voltage Input</td>
<td>115VAC, 3A, 50/60 Hz, 208/230VAC, 1.5A, 50/60 Hz</td>
<td></td>
</tr>
<tr>
<td>Solar</td>
<td>24VDC solar panels</td>
<td></td>
</tr>
<tr>
<td>Accessory Power</td>
<td>24VAC, 12VDC and 24VDC 1A each</td>
<td></td>
</tr>
<tr>
<td>Temperature Rating</td>
<td>-13º F to 158º F (25º C to 70º C) No heater necessary.</td>
<td></td>
</tr>
<tr>
<td>Communication</td>
<td>USB, RS-232, RS-485</td>
<td></td>
</tr>
<tr>
<td>User Controls</td>
<td>Smart DC Controller with 70+ configurable settings. 32 character LCD display and 5 tact buttons or a PC using S.T.A.R.T. software.</td>
<td></td>
</tr>
<tr>
<td>Relays</td>
<td>Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical.</td>
<td></td>
</tr>
<tr>
<td>UL 325 Listing</td>
<td>Usage Class I, II, III, IV</td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>2 years</td>
<td></td>
</tr>
</tbody>
</table>

* Actual UPS cycles depend on accessory power draw, length/weight of arm, frequency of cycles, battery health, ambient temperature and other conditions.

### OPTIONAL ACCESSORIES:

- Extended relay module provides eight additional relay outputs
- HY-5A intelligent vehicle loop detectors
- Photo eye

Compatible with most access control, safety, vehicle detection and other accessories.