



# StrongArmPark<sup>TM</sup>



Parking Barrier Arm Operator

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

## Is your barrier arm operator this Smart?

Thousand plus cycles after AC power loss\*

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

**Extremely low maintenance** and minimal down time

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

**Intelligent charging system** monitors battery condition to maximize battery life

**Dynamic reversing sensor** feature greatly reduces possibility of injury or vehicle damage



Multi-Family Residential



Commercial



Corporate



HIGH VISIBILITY LED LIGHTING across top of arm increases safety.

HIGHLY REFLECTIVE red/white stripe tape.

RESILIENT BUMPER along base reduces the possibility of 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-5A vehicle detector
- USB, RS-232, RS-485
- Two configurable user relays. Optional Hy8Relay<sup>TM</sup> provides eight additional relay outputs
- PC interface provided for easy configuration and quick troubleshooting

**LCD SCREEN:** Configuration and troubleshooting made easy using 32 character display and 5 tact buttons.

Two 12V UPS: Standard 8Ah AGM batteries.

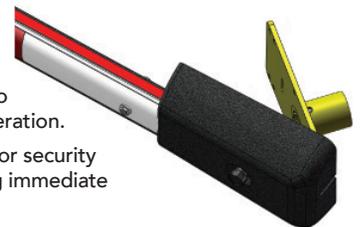
## Advanced HyProtect<sup>TM</sup> breakaway arm mount

Every StrongArmPark DC<sup>TM</sup> operator includes an advanced HyProtect breakaway arm mount, which reduces the cost of arm replacement due to a vehicle strike\*. The HyProtect breakaway arm mount adapts easily to typical aftermarket arms such as 1 x 4 inch wood or 2.5 inch square PVC.

### HySecurity barrier arms:

- Unique breakaway arm "kill switch" stops barrier arm operation after arm hit. Reduces possibility of damage to arm or nearby objects from uncontrolled barrier arm operation.
- Arm-hit alert to operator memory or to revenue control or security command & control platform in real time communicating immediate need for arm reset.

\* Applicable to standard straight arms



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## Advanced Breakaway Barrier Arms

HySecurity's advanced HyProtect™ breakaway barrier arms provide reliable and uninterrupted traffic control in high-capacity corporate parking lots, low clearance garages, gated communities and rental car facilities. StrongArmPark DC easily partners with large and small scale revenue control systems.

### Straight arm



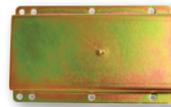
HySecurity aluminum arms up to 14 ft (4.3 m)

### Articulating arm



HySecurity combination aluminum-PVC articulating arms with 7.6, 8 or 9 ft (2.3, 2.4 or 2.7 m) vehicle clearance

Use aftermarket wood or PVC downspout arms with HySecurity's attachment plates. (Arms not supplied by HySecurity)



1" x 4" (2.5 x 10 cm) wood attachment plate

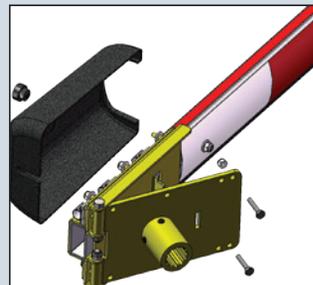


2.5" (6 cm) square PVC attachment plate

### HyProtect™ Breakaway Arm Mount

Every StrongArmPark DC operator includes an advanced HyProtect breakaway arm mount. If a vehicle hits a straight arm, the nylon bolts in the mount break allowing the arm to swing out of the way, lessening damage to the vehicle and operator and reducing the cost of arm replacement. Refit the arm in less than a minute!

The breakaway arm mount adapts easily to typical aftermarket arms such as 1 x 4 inch wood or 2.5 inch square PVC.



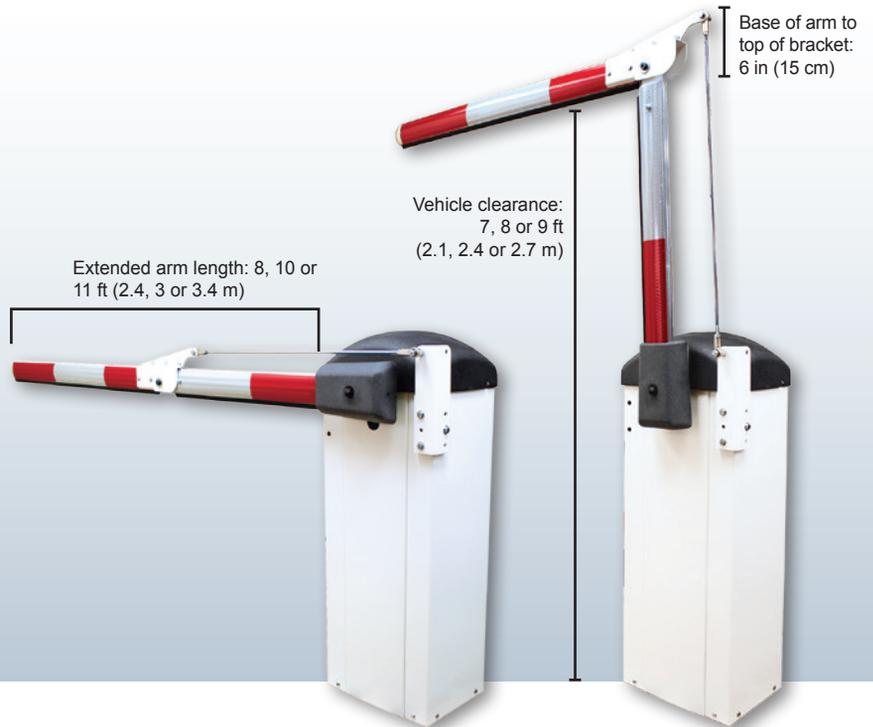
HyProtect breakaway arm mount assembly.



If vehicle strikes arm...

## All StrongArmPark DC barrier arms provide these safety features

- Resilient bumper along base reduces possibility of injury or vehicle damage
- Highly reflective red/white stripe tape
- Dynamic Reversing Sensor greatly reduces the possibility of injury or vehicle damage



## HYSECURITY ARTICULATING ARMS

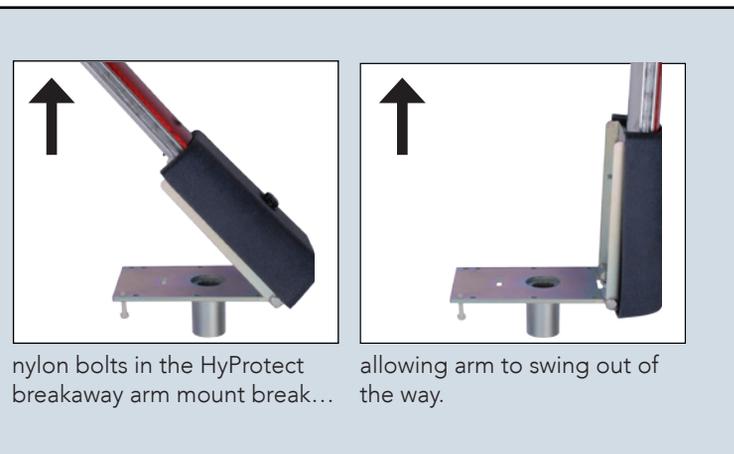
The articulating arm is ideal for low clearance garages.

- Custom combination aluminum-PVC
- Available in 7 ft clear/8 ft extended, 8 ft clear/10 ft extended or 9 ft clear/11 ft extended (2.1 m/2.4 m, 2.4 m/3m, 2.7 m/3.4 m)

## HYSECURITY ALUMINUM ARMS

Strong, durable, heat resistant arm up to 14 ft (4.3 m).

- Available in 8, 10, 12, and 14 ft (2.4, 3, 3.7 and 4.3 m) lengths. Arms, lights and bumper can be field trimmed to fit unique lengths
- Bright, highly visible LED lights across the top of arm decreases likelihood of vehicle strikes



## Solar Power

Operate your super energy efficient StrongArmPark DC with 24VDC solar panel (or two 12V - 20W panels wired in series).

The voltage regulator is inherent to the Smart DC controller. Installation is as simple as connecting two wires. When AC access is expensive or limited, harness solar energy and install StrongArmPark DCS 10 or 14 to control traffic or secure a parking lot!



# Highest Customer Satisfaction

# Smart Barrier Arm

Distributed by:



See the latest from HySecurity at [www.hysecurity.com](http://www.hysecurity.com)

**HySecurity operators** secure the world's critical infrastructure and key assets where ultimate reliability is vital. **StrongArmPark DC** delivers that same uncompromising quality to commercial customers, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.

**For easy integration into parking systems,** HySecurity offers a number of parking related relay options including an Hy8Relay™ which adds eight user relays to the Smart DC Controller.

**HySecurity strives for simplicity.** Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair. Your StrongArmPark DC barrier arm is built to last.

## TROUBLESHOOT AND PROGRAM USING SMART DC CONTROLLER AND S.T.A.R.T. (Smart Touch Analyze & Retrieve Tool)

- Simplifies installation
- Configures gate operation to exact user needs quickly and easily
- Communicates in real time and stores faults in a date and time stamped log
- Simple, quick and inexpensive troubleshooting



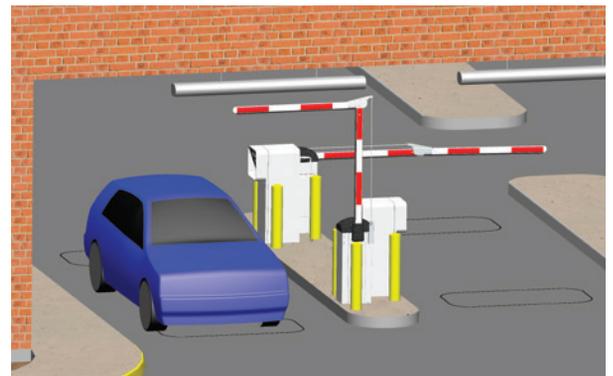
**Easily configure the operator** with 5 tact buttons and a 32 character display. Faults flash on the display accompanied by an audio sequence which alerts owner. For the ultimate in security, faults can also be communicated in real time to the command and control network system. The 300 event fault log can be downloaded to a laptop computer to easily troubleshoot random events that appeared days in the past.

## 4 StrongArmPark DC™ Models

Standard	StrongArmPark DC 10	StrongArmPark DC 14
Solar 	StrongArmPark DCS 10	StrongArmPark DCS 14
Arm Length Max.	up to 10 ft (3 m)	10 to 14 ft (3 to 4.3 m)
Field adjustable Open/Close Time	3 speeds: 1.5/2/2.5 seconds	3 speeds: 2.5/3/3.5 seconds
Full Open Angle	Adjustable 90° ± 10°	
Handing	Left handing standard. Easy to convert to right handing in field	Left handing standard. Right handing available
Arm Design	Custom aluminum	
	Articulating arm, combination aluminum-PVC; 7 ft clear/8 ft extended (2.1 m/2.4m) 8 ft clear/10 ft extended (2.4 m/3 m) 9 ft clear/11 ft extended (2.7 m/3.4 m)	
	Attachment plates available for 1"x 4" (2.5 x 10 cm) wood and 2.5" (6 cm) square PVC	
Duty Cycle	Continuous	
Uninterrupted Power Supply*	Two 12V, 8Ah batteries. Operates for thousand plus cycles after AC power loss.* Field configurable to fail open or secure when batteries deplete.	
Voltage Input	115VAC, 3A, 50/60 Hz, 208/230VAC, 1.5A, 50/60 Hz Solar: 24VDC solar panels**	
Accessory Power	12VDC and 24VDC 1A each	
Temperature Rating	-13° F to 158° F (-25° C to 70° C) No heater necessary.	
Communication	USB, RS-232, RS-485, Ethernet/fiber using optional HyNet™ accessory	
User Controls	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.	
Relays	Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical. Hy8Relay option.	
ETL Listed (UL 325)	Usage Class I, II, III, IV	
Cycle Tested	2 million cycles	
Warranty	2 years	

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

\*\* Solar panels not supplied by HySecurity



### OPTIONAL ACCESSORIES:

- Hy8Relay™ - extended relay module provides eight additional programmable user relays
- HY-5A intelligent vehicle detectors
- Photo eye

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

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, installation information, technical manuals, help with custom site requirements or other support. Visit [www.hysecurity.com](http://www.hysecurity.com) or call to speak with a HySecurity representative today.