

Parking

StrongArmPark DC™



Parking Barrier Arm Operator

Superior revenue control support

- Protect your revenue stream — standard UPS feature allows continuous duty after AC power loss*
- Accurate vehicle counts. Transient, monthly, special, availability
- Quick and easy installation and low maintenance
- Highly visible lighted arm and resilient bumper protects vehicles and pedestrians
- In case of vehicle strike, arm breaks away and arm motion stops, protecting pedestrians, facility and operator/arm
- Easy to configure numerous functions including parking specific options
- Control board common to all HySecurity Smart DC line
- Real time system security alerts with optional HyNet™ Gateway
- Solar powered option
- Custom color option



StrongArmPark DC 10
up to 10 ft arm
1.5/2/2.5 seconds

StrongArmPark DC 14
10, 12, 14 ft arm
2.5/3/3.5 seconds

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



Commercial



Corporate



Multi-Family Residential

 **HySecurity**®
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Manufacturer of ultra-reliable high security, industrial, commercial, residential, parking and crash gate operators and accessories.

Call your distributor or regional sales



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.

Revenue Control Benefits

- Accurate vehicle counts
- Protect your revenue stream – continuous duty even after AC power loss
- Reduce vehicle damage liability – lighted arm, resilient bumper, breakaway arm bracket, kill switch, integrated traffic light

Parking Management Benefits

- Loop activated or time-specific open and close
- Easy to configure to site specific requirements
- Numerous relay functions available
- Solar power option

STRAIGHT ARM



HySecurity lighted aluminum arms up to 14 ft (4.3 m)

ARTICULATING ARM



HySecurity aluminum articulating arms with 7, 8 or 9 ft (2.1, 2.4 or 2.7 m) vehicle clearance. Lights optional.

Use aftermarket wood or PVC arms with HySecurity's attachment plates.

(Arms not supplied by HySecurity)



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

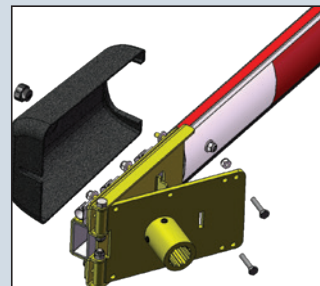


2.5 inch (6 cm) square PVC attachment plate

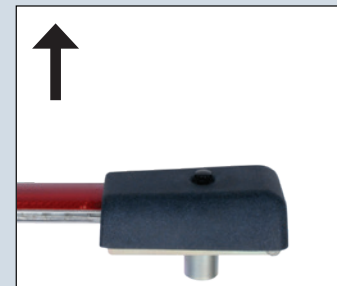
HyProtect™ Breakaway Arm Bracket

Every StrongArmPark DC operator includes an advanced HyProtect breakaway arm bracket and kill switch. 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 bracket adapts easily to typical aftermarket arms such as 1 x 4 inch wood or 2.5 inch square PVC.



HyProtect breakaway arm bracket assembly.

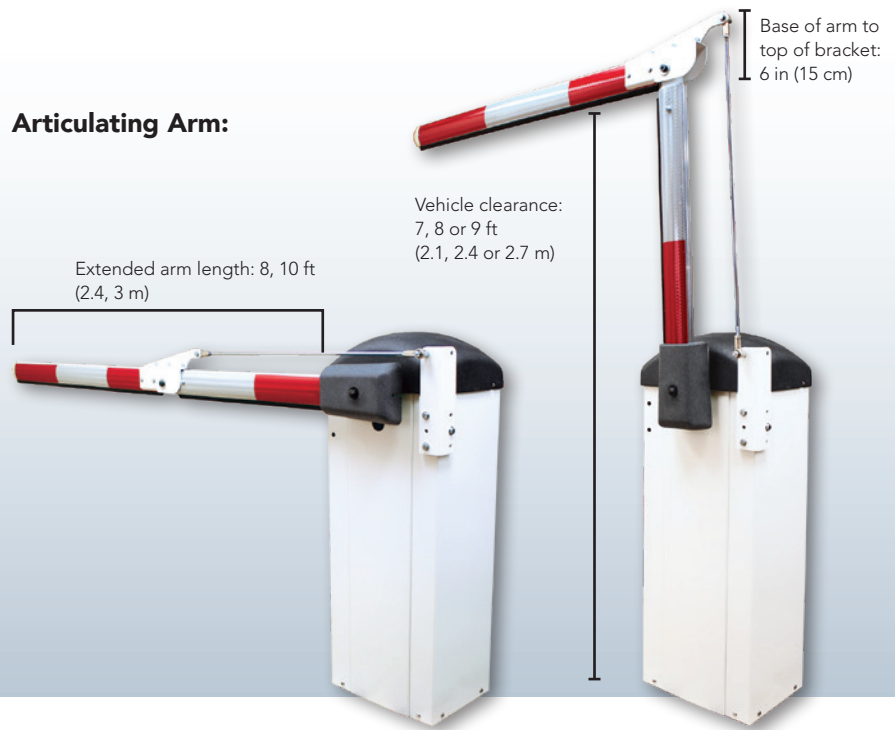


If vehicle strikes arm...

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 feature in operator greatly reduces the possibility of injury or vehicle damage

Articulating Arm:



HYSECURITY ALUMINUM STRAIGHT ARMS

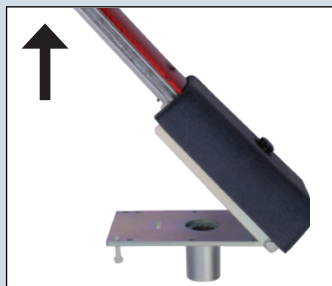
Strong, durable, heat resistant arm up to 14 ft (4.3 m)

- Available in 8, 9, 10, 12, and 14 ft (2.4, 2.7, 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

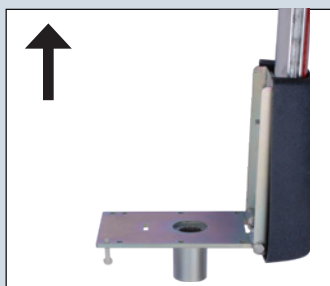
HYSECURITY ALUMINUM ARTICULATING ARMS

The articulating arm is ideal for low clearance garages

- Available in 7 ft clear/8 ft extended, 8 ft clear/10 ft extended or 9 ft clear/10 ft extended (2.1 m/2.4 m, 2.4 m/3 m, 2.7 m/3 m)
- Lighted arm optional



nylon bolts in the HyProtect breakaway arm bracket break...



allowing arm to swing out of the way.

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!



Parking and Traffic Control




Parking Barrier Arm Operator

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.

4 StrongArmPark DC™ Models, AC or Solar

Standard	StrongArmPark DC 10	StrongArmPark DC 14
Solar 	StrongArmPark DCS 10	StrongArmPark DCS 14
Arm Length Max.	up to 10 ft (3 m)	10, 12, 14 ft (3, 3.7, 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	Arm 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	Aluminum arm with bumper, lights, HyProtect™ breakaway arm bracket & kill switch	
	Articulating aluminum arm with bumper, HyProtect™ breakaway arm bracket & kill switch; 7 ft clear/8 ft extended (2.1 m/2.4 m) 8 ft clear/10 ft extended (2.4 m/3 m) 9 ft clear/10 ft extended (2.7 m/3 m) Lights optional	
	Attachment plates available for 1" x 4" (2.5 x 10 cm) wood and 2.5" (6 cm) square PVC	
Duty Cycle	Continuous	
Drive	Electromechanical	
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.	
Input Voltage	115VAC, 3A, 60/50Hz or 208-230VAC, 1.5A, 60/50Hz 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™ Gateway 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	One configurable user relay: 250VAC, 10A electromechanical. Optional Hy8Relay™ for 8 additional relay outputs.	
Finish	Zinc plated with powder coating	
ETL Listed (UL 325)	Usage Class I, II, III, IV	
Cycle Tested	2 million cycles	
Warranty	2 years	



OPTIONAL ACCESSORIES:

- Hy8Relay™ - extended relay module provides eight additional programmable user relays
- Hy5B™ intelligent vehicle detectors
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet/fiber
- Photo eye
- Custom color available

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

** Solar panels sold separately.

SYSTEM DESIGN SUPPORT: Contact HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Download operator specifications online at www.hysecurity.com or call to speak with a HySecurity representative today.

VISIT WWW.HYSECURITY.COM for specifications, installation manuals and wiring diagrams, image gallery, email subscriptions and much more.

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