

StrongArmPark™ DC

Superior revenue
control support



Ultimate Hardened Security

Crash Tested Barriers

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 model



Simple

Quick and easy installation and low maintenance



Vehicle counts

Track parking inventory with counts of tenant, transient, and other cycles



Reliable

Standard UPS battery backup feature allows continuous duty after AC power loss up to 1000 cycles*



Programmable

Easy to configure numerous functions, including parking specific options



Applications

Solar option available



Visible

Lighted arm and resilient bumper protects vehicles and pedestrians



Intelligent

In case of vehicle strike, arm breaks away and arm motion stops, protecting pedestrians, facility and operator/arm



Customized

Custom color option



Made in USA

Designed, tested and built within USA from globally sourced materials





All StrongArmPark DC barrier arms provides 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 of vehicle damage

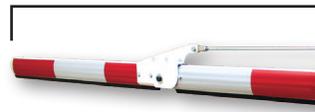


High visibility LED lighting across top of arm increases safety.

Resilient bumper along base protects against accidental injury or vehicle damage.

Articulating Arm:

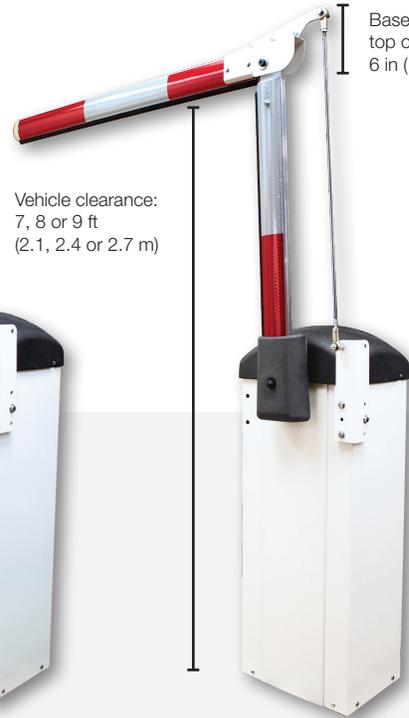
Extended arm length: 8, 10 ft (2.4, 3 m)



Vehicle clearance: 7, 8 or 9 ft (2.1, 2.4 or 2.7 m)



Base of arm to top of bracket: 6 in (15 cm)



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 arms is ideal for low clearance garages

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

HyProtect™ Breakaway Arm Bracket

Every StrongArmPark DC operator includes an advanced HyProtect breakaway arm bracket and kill switch, which may reduce the cost of arm or operator damage due to vehicle strike.

The breakaway arm bracket adapts easily to typical aftermarket arms such as 1x4 inch wood or 2.5 inch square PVC.



If vehicle strikes arm...



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



Allowing arm to swing out of the way.

Parking and Traffic Control

Technical Specifications

Model	StrongArmPark DC 10	StrongArmPark DCS 10	StrongArmPark DC 14	StrongArmPark DCS 14
Arm Length Max.	Up to 10 ft (3 m) standard length		10, 12, and 14 ft (3, 3.7 and 4.3 m) standard lengths	
Arm Design	Aluminum oval arm with bumper, lights, HyProtect™ breakaway arm bracket & kill switch (standard). Optional articulating aluminum arm with 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.			
Full Open Angle	Arm full open angle: Adjustable 90° ±10°			
Duty Cycle	Continuous*			
Drive	Electromechanical			
Open/Close Time	3 speeds: 1.5/2/2.5 seconds. Field adjustable		3 speeds: 2.5/3/3.5 seconds. Field adjustable	
Handing	Left handing standard. Easy to convert to right handing in field.		Left handing standard. Right handing available.	
UPS Battery Backup Cycles	Two 12V, 8Ah batteries. Operates for thousand plus cycles after AC power loss.* Field configurable to fail open or secure when batteries deplete.			
Temperature Rating	-13° to 158° F (-25° to 70° C)			
Operating Voltage	24VDC			
Input Voltage	115VAC, 3A, 60/50Hz or 208-230VAC, 1.5A, 60/50Hz	24VDC solar panels - 40W min panel (Solar panels sold separately)	115VAC, 3A, 60/50 Hz or 208-230VAC, 1.5A, 60/50 Hz	24VDC solar panels - 40W min panel (Solar panels sold separately)
Accessory Power	12VDC and 24VDC 1A each			
Communication	RS-232, RS-485			
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 w/product registration			

* The actual number of arm cycles available from battery depends on arm length/weight, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of arm cycles during power outage.



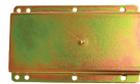
Optional Accessories - See website for complete list



HyProtect™
Breakaway Bracket



Square PVC Arm
Attachment Plate



Wood Arm
Attachment Plate



Hy5B™ Vehicle
Detector



Hy8Relay™
Module



Remote Power Supply
Kit



support.hysecurity.com

Nice/HySecurity is an industry leader of automated gate and perimeter security solutions.

The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.



Niceforyou.com

©2023 Nice North America LLC. All rights reserved.

HySecurity is a registered trademark of Nice North America LLC.

All trademarks, logos and brand names are the property of their respective owners.

1129970258 Rev-B 09/2023 D0580