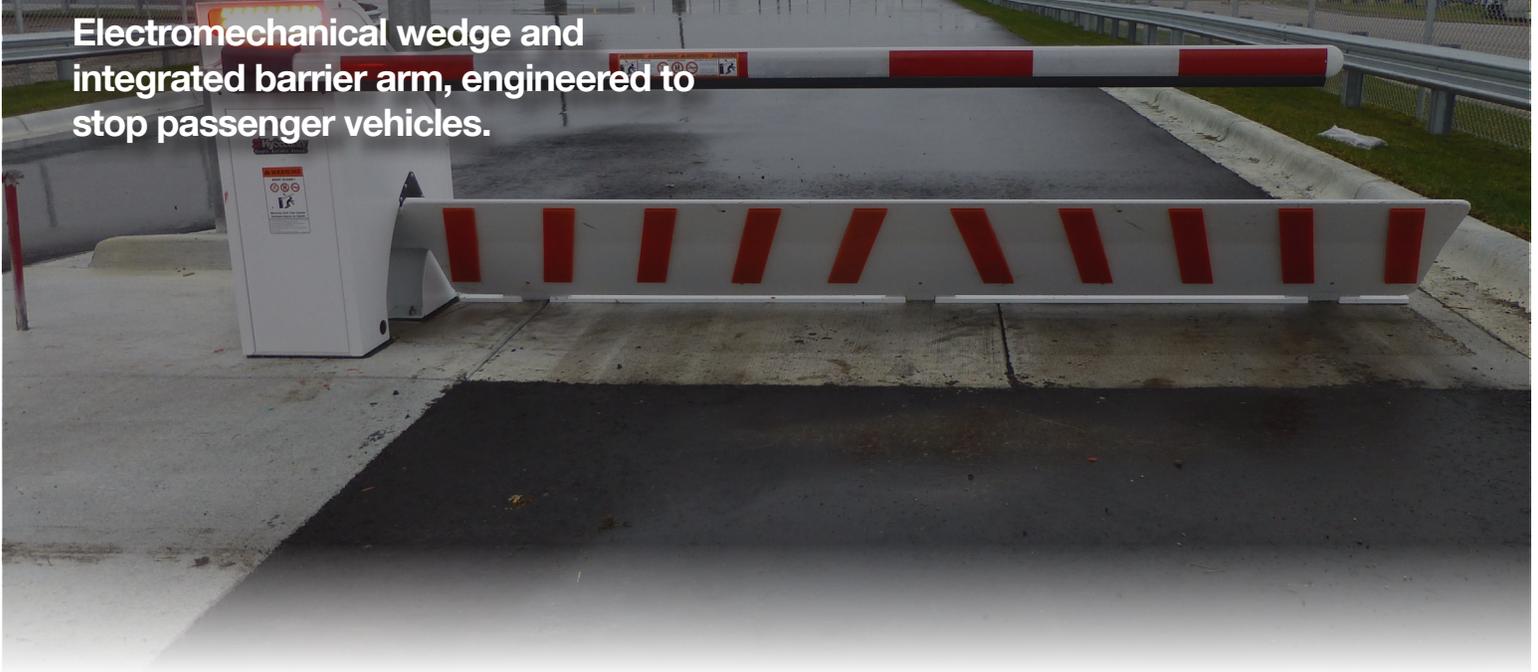


# WedgeSmart™ DC

Security plus traffic control in one

Electromechanical wedge and integrated barrier arm, engineered to stop passenger vehicles.



## Features:



### Arm size:

Configurations to support lane widths of 9, 10, 12, or 14 ft



### Reliable:

Operate for up to 150 cycles after AC power loss with optional UPS backup\*



### Installation:

Surface mount– Easy, quick installation



### Programmable:

Customized, configurable settings for site specific requirements



### Visible:

Integrated lighting for safety



### Safety:

Breakaway, stop motion arm protects people and property in case of vehicle strike



### Efficient:

Independently operated barrier arm for high traffic periods



### Made in USA:

Designed, tested and built with global materials



### Options:

Straight or articulated arm

# WedgeSmart DC

## Parking and Vehicle Theft Protection



powered by  
**SmartDC**

### Technical Specifications

<b>Model</b>	WedgeSmart DC
<b>Crash-Engineered*</b>	ASTM F2656 SC40: Small Car, 2,430 lb @ 40 mph (1.1 MT @ 64 km/h) ASTM F2656 FS30: Full Size Sedan, 4,630 lb @ 30 mph (2.1 MT @ 48 km/h)
<b>Lane Widths</b>	9, 10, 12, 14 ft (2.7, 3, 3.7, 4.3 m)
<b>Open/Close Time</b>	5 seconds up / 5 seconds down
<b>Arm Full Open Angle</b>	Arm full open angle: Adjustable 90° ± 10°
<b>Wedge Design</b>	45° raised position; 21 inch plate height for 9, 10 ft lane width; 18 inch plate height for 12, 14 ft lane width; manual locking mechanism and rotary crank for manual operation
<b>Handing</b>	Left or right handing available
<b>Arm Design</b>	Aluminum arm with bumper, lights, HyProtect™ breakaway arm bracket & kill switch, 9, 10 ft (2.7, 3 m) 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.
<b>Duty Cycle</b>	Continuous
<b>UPS Battery Backup Cycles**</b>	Two 12V, 50Ah batteries. Operates for over 150 cycles after AC power loss. Field configurable to fail open or secure when batteries deplete.
<b>Operating Voltage</b>	24VDC
<b>Input Voltage</b>	115VAC, 3A, 60/50 Hz, 208-230VAC, 1.5A, 60/50Hz
<b>Accessory Power</b>	12VDC and 24VDC 1A each
<b>Temperature Rating</b>	-13° to 158° F (-25° to 70° C)
<b>Communication</b>	USB, RS-232, RS-485, Ethernet & fiber option using HyNet™ Gateway accessory
<b>User Controls</b>	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.
<b>Relays</b>	Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical. Optional Hy8Relay™ for 8 additional relay outputs
<b>Finish</b>	Zinc plated with white powder coating
<b>Foundation</b>	To achieve ASTM F2656 rating, 3000 psi flat concrete required. 10 inch min. at anchor strap area. 6 inch min. all other areas. Area under chassis and wedge plate must be flat within 1/4 inch over entire length.
<b>Electrical Certification</b>	Control panel certified to UL 508A by ETL
<b>Warranty</b>	2 years w/product registration

\* Engineered - No crash testing performed; speed rating assigned per technical specifications; penetration rating undetermined

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

### Optional Accessories - See website for complete list



Oval Aluminum Arm



Articulating Arm



Battery Mount Kit - Rear of Chassis



Hy5B™ Vehicle Detector



Hy8Relay™ Module



HyNet™ Gateway Integration



Photo Eye Kits



Contact HySecurity for an operator/parts distributor near you.  
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