



# 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.



#### Programmable

Customized, configurable settings for site specific requirements.



#### Visible

Integrated lighting for safety.



#### Reliable

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



#### Options

Straight or articulated arm.



#### Efficient

Independently operated barrier arm for high traffic periods.



#### Safety

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



#### Installation

Surface mount - Easy, quick installation.



#### Made in USA

Designed, tested and built within USA from globally sourced materials.

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powered by  
**SmartDC**

### Technical Specifications

Model	WedgeSmart DC
Full Open Angle	Arm full open angle: Adjustable 90° ± 10°
Lane Width	9, 10, 12 and 14 ft (2.7, 3, 3.7, 4.3 m)
Lane Widths	9, 10, 12, 14 ft (2.7, 3, 3.7, 4.3 m)
Duty Cycle	Continuous
Drive	Electromechanical
Open/Close Time	5 seconds up / 5 seconds down
UPS Battery Backup Cycles	Two 12V, 50Ah batteries, Operates for over 150 cycles after AC power loss.* Field configurable to fail open or secure if batteries deplete.
Temperature Rating	-13° to 158° F (-25° to 70° C) No operator heater necessary. Concrete pad heater recommended under wedge plate in freezing climates.
Operating Voltage	24VDC
Input Voltage	115VAC, 3A, 60/50Hz or 208-230VAC, 1.5A, 60/50Hz
Accessory Power	12VDC and 24VDC 1A each
Communication	USB, 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	Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs
Finish	Zinc plated with white powder coating
Foundation	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.
ETL Listed (UL 325)	Control panel certified to UL 508A by ETL
Warranty	2 years w/product registration

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

### Optional Accessories - See website for complete list



Oval Aluminum Arm



Articulating Arm



Battery Mount Kit - Rear of Chassis



Photo Eye Kits



Hy5B™ Vehicle Detector



Hy8Relay™



a Nice brand

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