

COMMERCIAL

SlideSmart



Slide Gate Operator

Ultra Reliable/Low maintenance • Variable speed • Easy, inexpensive installation • Solar

Is your slide gate operator this Smart?

Unmatched 4,000 ft (1,219 m) gate travel after AC power loss on standard batteries. Exceptional 25,000 ft (7,620 m) gate travel after AC power loss on extended batteries

Moves 40 ft/1,500 lb (12 m/680 kg) gates with ease

Independent, field-adjustable open and close speeds. 1 ft/s (30 cm) and 2 ft/s (61 cm)

Intelligent charging system, monitors battery condition to maximize battery life

Fast and easy installation reduces costs



Commercial



Commercial



Residential

CHASSIS: Heavy duty, low flex and corrosion resistant.

SMART DC CONTROLLER: The ultimate in reliability, configurability and system troubleshooting. Configure gate to exact user needs with 70+ field adjustable settings. Powerful protection against lightning strikes and power surges.

UPS BACKUP & SOLAR READY: Two 12V 8Ah batteries handle gate operation when AC power is unavailable.*

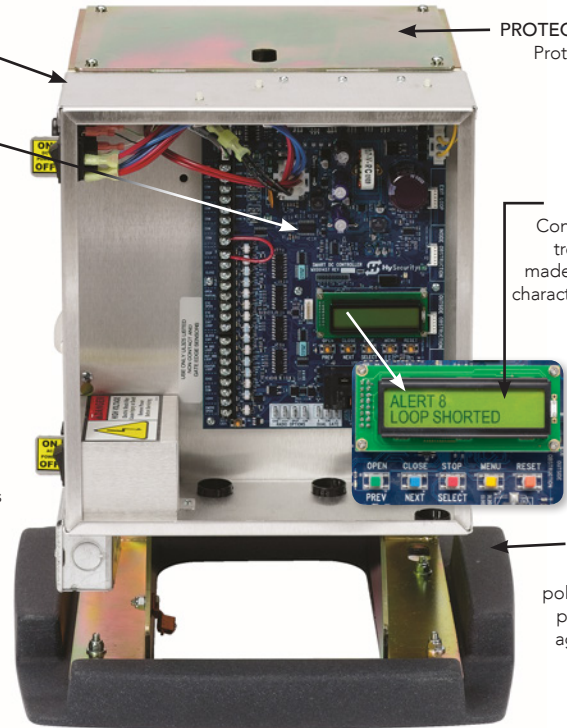
Four user-selectable UPS configurations available. Optional 50 Ah batteries quadruple DC cycles after power failure.

*To lower battery power consumption, accessory selection is important.

PROTECTION PLATE: Protects user from drive train.

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

BASE PLATE: Anti-corrosion polyethylene pad protects chassis against rust and corrosion.



Smart DC Benefits

Adaptive IES (inherent entrapment sensor) provides optimum sensitivity and eliminates false trips

Ice breaker mode powers through morning ice/snow buildup

Heater? Not unless temperatures plunge below -13°F (-25°C)

Configure gate to exact user needs with 70+ field configurable settings

Intelligent HY-5A vehicle detectors monitor and report loop conditions and more

Graceful, smooth open and close acceleration causes less gate component wear



SlideSmart DC 15
SlideSmart DCS 15F (solar)
 1,500 lb (680 kg) gates
 0.75, 1 or 1.25 ft/s (23, 30 or 38 cm/s)



SlideSmart DC 10F
SlideSmart DCS 10F (solar)
 1,000 lb (453 kg) gates
 1.75, 2 or 2.25 ft/s (53, 61 or 69 cm/s)

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COMMERICAL

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

SIMPLE. HySecurity strives for simplicity. Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair.

RELIABLE. HySecurity operators last decades under the harshest climates and user conditions.

SECURE. HySecurity is the most used operator on critical infrastructure sites such as nuclear power plants, high security government agencies, embassies, ports, airports, and much more.

PROGRAM AND TROUBLESHOOT 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. Faults can also be communicated in real time to the command and control network system for the ultimate in security. The 300 event fault log can be downloaded to a laptop computer to easily troubleshoot random events that appeared days in the past.

SlideSmart DC™ Models

	FAST Operators	
	SlideSmart DC 15	SlideSmart DC 10F
Solar	SlideSmart DCS 15	SlideSmart DCS 10F
Gate Weight Max.	1,500 lb (680 kg)	1,000 lb (453 kg)
Gate Length Max.	40 ft (12 m)	
Rate of Travel	0.75, 1 or 1.25 ft/s (23, 30 or 38 cm/s)** Open/Close speed set independently	1.75, 2 or 2.25 ft/s (53, 61 or 69 cm/s) Open/Close speed set independently
Duty Cycle	Continuous	
Horsepower	1/2 hp	
Drive	Electromechanical	
Uninterruptible Power Supply†	Standard battery backup gate travel: Two 8Ah batteries. Up to 4,000 ft (1,219 m) after AC power loss. Field configurable to fail open or secure when batteries deplete. Extended battery backup gate travel: Two 50Ah batteries. Up to 25,000 ft (7,620 m) after AC power loss. Field configurable to fail open or secure when batteries deplete.	
Temperature Rating	-13°F to 158°F (-25°C to 70°C) No heater necessary.	
Voltage Input	115V or 208-230V, 60/50 Hz Solar: 24VDC solar panels*	
Accessory Power	12VDC and 24VDC 1A each	
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	Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs	
Finish	Zinc plated chassis; molded polyethylene cover	
ETL Listed (UL 325)	Usage Class I, II, III, IV**	Usage Class III, IV***
Cycle Tested	500,000 cycles	
Warranty	5 year (7 year single-family residential)	5 year

†SlideSmart DC is exceptionally energy efficient, however actual battery backed up gate travel will depend on gate resistance to travel, cycle length, battery health, ambient temperature, accessories drawing battery power and frequency of gate cycles during power outage.

*Solar panels not supplied by HySecurity

**Speed setting cannot be configured to exceed 1 ft/s for Class I and II usage.

***Not for residential use or applications intended to serve the general public.

OPTIONAL ACCESSORIES:

- HY-5A intelligent vehicle detectors
- Photo eye
- Hy8Relay™ - extended relay module provides eight additional programmable relay outputs
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet or fiber
- Extended backup batteries
- Base extension, 12.5" (32 cm), for extended batteries or more conduit space
- Bolt-on gate brackets
- Stainless steel chain

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 or call to speak with a representative today.



This operator requires a minimum of two external entrapment protection sensors, monitoring both the open and close direction of travel. Visit www.hysecurity.com/gatesafety for current list of HySecurity and UL or ETL approved external entrapment protection sensors and sensor accessories.