

HySecurity

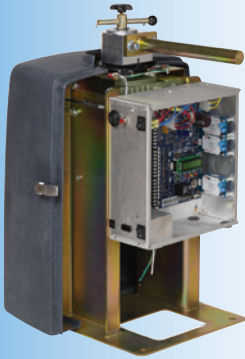
ELECTROMECHANICAL
Residential/Commercial
Pad-Mounted
Battery Backup
High Security

SwingSmart DC™

Swing Gate Operator



Ultra reliability • Easy installation • UPS backup • Adjustable speed • Vehicle hit protection



Commercial



Residential



Residential



Industrial



Residential

UPS BACKUP SwingSmart DC continues to operate for days after AC power loss.*

HIGH SECURITY Most of SwingSmart DC's moving parts are protected from vandalism and tampering by a heavy duty, key-locked cover. SwingSmart DC's robust, high strength chassis meets the most demanding site, climate and usage demands.

PINCH PROTECTION DESIGN SwingSmart DC employs a pinch protection arm design reducing the possibility of accidental injury that can be a hazard with a typical scissor-arm. The operator meets or exceeds all U.S. standards. Listed to UL 325 classes I, II, III and IV.

VEHICLE HIT PROTECTION Swing gates are most prone to vehicle hits, often resulting in expensive gate operator labor and equipment repair. SwingSmart DC reduces the likelihood of operator damage with its unique swing arm coupling (patent pending).

SELF-SYNCHRONIZING GATES Many swing gate pairs don't close at the same time, which doesn't look right. There are many reasons for out-of-sync gates, including swing arc and arm geometry differences, operator location variances and uneven wear of gate hardware. SwingSmart DC solves that common, unsightly glitch by auto-synchronizing gates in their first few cycles and ceaselessly maintaining that synchronization. Finally – a perpetually flawless, harmonized pair of swing gates.

*Actual number of battery powered cycles is dependent on powered accessories, gate length/weight, duty cycle, climate and other site/system conditions.

Ultra Reliable High Security

Distributed by:

The Ultimate in Intelligent, Programmable Security

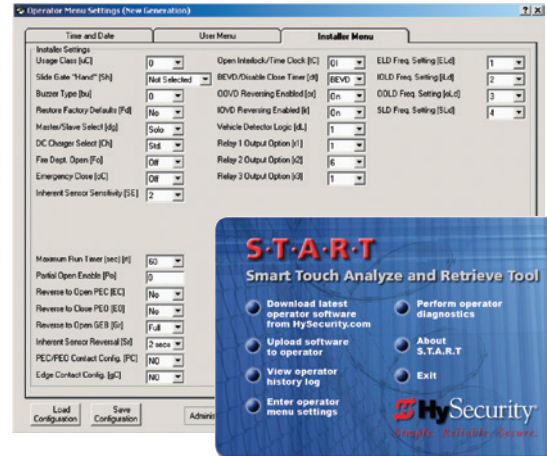
HySecurity® operators exceed the most demanding strength, quality and reliability specifications, while the uniquely design-engineered electronics detect, report and trigger automated site-specified actions when critical security breaches occur.

Abnormal operation or security breach reporting integrates easily to centralized security monitoring systems through HySecurity's® unique, powerful and feature-rich Smart Touch Controller and Smart DC Controller.

SMART TOUCH ANALYZE AND RETRIEVE TOOL (S.T.A.R.T.)

Smart DC reportable conditions include:

- Open or close limit reached
- Vehicle detector or loop malfunction
- Gate forced open
- Tailgating
- Loitering
- AC power loss



Smart Touch Analyze and Retrieve Tool allows users to upload new operator software, download fault logs, generate diagnostics, and program the operator.

SwingSmart DC™ Models

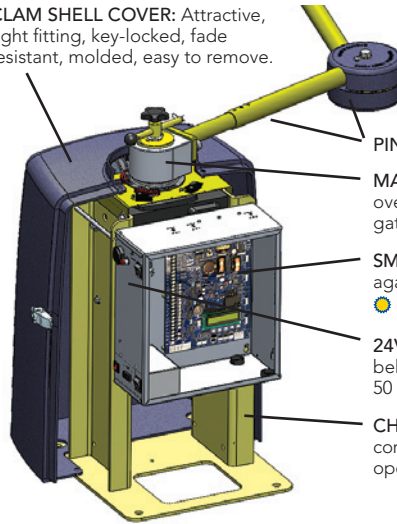
Standard Model	SwingSmart DC 20
Solar Model	SwingSmart DCS 20
Max Gate Length*	Up to 20' leaf / 6.1 meters
Max Gate Weight*	1,300 lb. / 590 kg
Rate of Travel	10 to 15 seconds. Variable speed, open/close set separately
Duty Cycle	Continuous
Temp. Rating	-13F to 158F (-25C to 70C)
Certification	500,000 cycles
Accessory Power	12 to 24 volts DC + 24 volts AC
Communication	USB, RS 232, RS 485, Ethernet opt.
Power: single phase	115 volts, 50/60 Hz. 230 volts, 50/60 Hz.
UL Listing	I, II, III, IV
Warranty	5/7 years** or 500,000 cycles (*commercial/single family residential)

*Gate capacities: 1,300 lb (590 kg) for a 12 ft. (3.65 m) gate; 800 lb (363 kg) for a 16 ft. (4.87 m) gate; 600 lb (272 kg) for a 20 ft. (6.1 m) gate

OPTIONAL ACCESSORIES: HY-5A intelligent vehicle detectors, extended battery backup, solar ready, photo eyes. Compatible with all available access control, safety, vehicle detection and many other accessories.

SYSTEM DESIGN SUPPORT: Contact HySecurity® for CAD drawings, tech manuals, help with specialty site requirements or other specifications support. See operator specifications online at www.hysecurity.com or call HySecurity® for a complete list.

CLAM SHELL COVER: Attractive, tight fitting, key-locked, fade resistant, molded, easy to remove.



PINCH REDUCTION ARM: Tubular, with elbow cover.

MANUAL OVERRIDE: Patent-pending manual override clamp reduces operator damage if gate is hit.

SMART DC CONTROLLER: Ultimate protection against lightning strikes and power surges. Energy efficient and solar ready.

24V-UPS: 2-8 Amp hour batteries std. (located behind control box) or room for 2 extended use 50 Amp hour batteries.

CHASSIS: 1/4-inch, heavy duty, high strength and corrosion resistant with large, easy access conduit opening.



SMART DC CONTROLLER

32 character LCD on control board provides troubleshooting and programming instructions in plain English. Program using 5 tact buttons on control board or connect to laptop computer to program and report.

HySecurity®
Simple. Reliable. Secure.®

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HySecurity operators, accessories and parts are stocked by distributors and installers across North America.