

SwingSmart™ CNX

The industry's smartest swing gate operator

Swing gate operator with advanced controls and communications. Perfect for commercial or community sites with high traffic flow or increased monitoring needs.

Features:



Weight and length limit:

Move gate leaf up to 1,300 lbs



Advanced:

Brushless DC motor technology, solid state limit sensors, and direct drive power train for superior control



UPS:

Standard battery backup to keep gates moving up to 300 cycles after power loss



Programmable:

Over 70 user configurable settings to meet site specific requirements



Connected:

Bluetooth connectivity for easy setup and HyNet™ technology for remote monitoring, management, and maintenance.



Durable:

Patented Taper Clamp provides adjustable protection from high winds and gate strikes



Battery:

Intelligent charging system, monitors battery condition to maximize battery life



Diagnostics:

Easy system troubleshooting with onboard event log



Adjustable:

Independent, field-adjustable open and close speeds



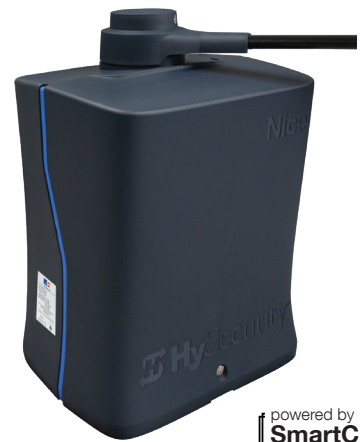
Made in USA:

Designed, tested and built with global materials



SwingSmart CNX

Residential and Commercial Applications



powered by
SmartCNX

Technical Specifications

Model	SwingSmart CNX 20
Solar	1,300 lb (590 kg) for 12 ft (4 m) leaf, 800 lb (363 kg) for a 16 ft (5 m) leaf, 600 lb (272 kg) for a 20 ft (6 m) leaf
Open/Close Time	Open/Close speed set independently.
Duty Cycle	Continuous
Drive	Electromechanical - 24V Brushless DC motor with direct drive gear train
Horsepower	Equivalent to 1/2 hp
UPS Battery Backup Cycles*	Field configurable to fail open or secure when batteries deplete. Standard battery backup gate cycles: Two 12V 8Ah batteries. Up to 300 cycles after AC power loss. Extended battery backup gate cycles: Two 12V 35Ah batteries. Up to 1,200 cycles after AC power loss.
Temperature Rating	-13° TO 158° F (-25° TO 70° C)
Operating Voltage	24VDC
Input Voltage	Switch select 115V or 208-230V, 60/50 Hz; Solar: 24V solar panels **
Accessory Power	24VDC at each input & SS relay (2A accumulative)
Included Accessories	One Nice EPMA B through-beam photo eye with BlueBUS technology and two 8Ah batteries for backup power.
Communication	BlueBUS, USB, Ethernet, T4, RS-485, Bluetooth, OXI receiver
User Controls	SmartCNX™ Controller with 70+ configurable settings.
Inputs	32 character OLED display and 7 tactile buttons or Bluetooth smartphone interface, for programming. 15 inputs including 5 control inputs, 2 dedicated entrapment sensor inputs, 3 user programmable inputs, a BlueBUS port, and 4 Hy5B vehicle detectors sockets. Optional SmartCNX™ I/O Expansion module for 8 additional user programmable inputs.
Relays	3 configurable user relays: Two 30VDC, 2A solid state. One 240VAC, 20A electromechanical; Optional SmartCNX I/O Expansion module for 8 additional relay outputs.
Finish	Zinc rich primer with black powder coated chassis. High impact copolymer cover.
ETL Listed (UL 325)	Usage Class I, II, III, IV
Warranty	5 year (7 year single-family residential) w/product registration

* The actual number of gate cycles available from battery depends upon gate resistance to travel, cycle length, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

** 60 Watt minimum 24VDC solar panel (or two 12V - 30W panels wired in series), not included but required for solar operation. Visit hysecurity.com or call for information on solar panel size calculations.

Optional Accessories - See website for complete list



Battery Backup Kit - 35Ah



Photo Eye Kits



CNX Remote Control Kit



Hy5B™ 2.0 Vehicle Detector



Module, I/O Expansion Board Kit



ASO Edge Sensors



Contact Nice | HySecurity for an operator/parts distributor near you.
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