

Commercial











# SwingSmart™ CNX



Swing Gate Operator

## Capability meets simplicity

Connected gate operator with advanced features of Smart DC, BlueBUS and OXI technology creating a best in class swing gate operator

	Move up to 1,300 lb gate leaf		Patented Taper Clamp provides adjustable protection from high winds and gate strikes
	Universal Arm design has cast steel elbow housing and oval telescoping arms for safety and easy installation		Intelligent charging system, monitors battery condition to maximize battery life
	Keep your gate moving after power loss: 300 cycles/standard batteries and 1,200 cycles extended batteries		Easy system troubleshooting with onboard event log
	Field programmable to specific site requirements		Independent, field-adjustable open and close speeds
	Real time system security alerts with optional HyNet™ Gateway		5 year warranty 7 year single-family



**BlueBUS Photo Eye\***  
\*Through Beam Hardware included





Residential



Taper clamp

**SmartCNX™ installer smartphone app for full control from your phone**

- Bluetooth connection to smartphones
- Intuitive to use
- Full control of operator settings



**SYSTEM DESIGN SUPPORT:** Contact Nice | HySecurity for help with custom site requirements, CAD drawings, tech manuals or other specifications support.

**VISIT HYSECURITY.COM** for installation manuals, parts diagrams, wiring diagrams, specifications, image gallery, videos, training and much more.



www.hysecurity.com | 800-321-9947  
Manufacturer of rural/ranch, residential, commercial and parking gate operators and accessories.



# Residential and Commercial



Swing Gate Operator

## SwingSmart™ CNX Model, AC or Solar

<b>Standard</b>	<b>SwingSmart CNX 20</b>
<b>Solar</b>	Solar ready for 24V
<b>Gate Specs</b>	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
<b>Open/Close Time</b>	Open/Close time set independently. Adjustable 10 to 15 seconds.
<b>Duty Cycle</b>	Continuous
<b>Drive</b>	Electromechanical - 24V Brushless DC motor with direct drive gear train
<b>Horsepower</b>	Equivalent to 1/2 hp
<b>UPS Battery Backup Cycles*</b>	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 1,000 cycles after AC power loss.
<b>Temperature Rating</b>	-13° to 158° F (-25° to 70° C)
<b>Operating Voltage</b>	24VDC
<b>Input Voltage</b>	Switch select 115V or 208-230V, 60/50 Hz; Solar: 24V solar panels **
<b>Accessory Power</b>	24VDC at each input & SS relay (1A accumulative)
<b>Communication</b>	BlueBUS, USB, Ethernet, T4, RS-485, Bluetooth
<b>User Controls</b>	SmartCNX Controller with 70+ configurable settings. 32 character OLED display and 7 tactile buttons or Bluetooth smartphone interface, for programming.
<b>Inputs</b>	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.
<b>Relays</b>	3 configurable user relays: Two 30VDC, 3A solid state. One 240VAC, 10A electromechanical; Optional SmartCNX I/O Expansion module for 8 additional relay outputs.
<b>Finish</b>	Zinc rich primer with black powder coated chassis. High impact copolymer cover.
<b>ETL Listed (UL 325)</b>	Usage Class I, II, III, IV
<b>Warranty</b>	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.

\*\* 40 Watt minimum 24VDC solar panel (or two 12V - 20W panels wired in series), not included but required for solar operation. Visit [www.hysecurity.com](http://www.hysecurity.com) or call for information on solar panel size calculations.

To enable fully automatic operation, all SWING gate operators require a minimum of ONE monitored external entrapment protection sensor to protect entrapment zones in either the open or close direction of travel. However, an additional monitored sensor is required if there is a risk of entrapment in both directions of gate travel. Visit [hysecurity.com/gatesafety](http://hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.

### 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

SlideSmart CNX and SwingSmart CNX require professional installation



Contact Nice | HySecurity for an operator/parts distributor near you.  
phone 253-867-3700 | 800-321-9947  
[www.hysecurity.com](http://www.hysecurity.com) | [sales@hysecurity.com](mailto:sales@hysecurity.com)

