

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 integrated 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.



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

Standard	<b>SwingSmart CNX 20</b>
Solar	Solar ready for 24V panels
Gate Specs	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)
Communication	BlueBUS, USB, Ethernet, T4, RS-485, Bluetooth, OXI receiver
User Controls	SmartCNX™ Controller with 70+ configurable settings. 32 character OLED display and 7 tactile buttons or Bluetooth smartphone interface, for programming.
Inputs	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](http://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  
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