

SlideSmart™ CNX

The industry's smartest slide gate operator

Slide 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 gates up to 1,500 lbs and 50 ft



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 100 cycles, with battery upgrades for up to 450 cycles



Connected:

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



Programmable:

Over 70 user configurable settings to meet site specific requirements



Durable:

Equipped with long lasting corrosion resistant chain



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



SlideSmart CNX

Residential and Commercial Applications



Technical Specifications

Model	SlideSmart CNX 15
Solar	Solar ready for 24V panels
Gate Weight Max.	1,500 lb (680 kg)
Gate Length Max.	50 ft (15 m)
Pull Force	300 lb
Rate of Travel	0.75, 1 or 1.25 ft/s (23, 30 or 38 cm/s)* Open/Close speed set independently
Duty Cycle	Continuous
Horsepower	Equivalent to 1/2 hp
UPS Battery Backup Cycles**	Field configurable to fail open or secure when batteries deplete. Standard battery backup gate travel: Two 8Ah batteries. Up to 4,000 ft (1,219 m) after AC power loss. Extended battery backup gate travel: Two 35Ah batteries. Up to 16,000 ft (5,486 m) 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	30 ft (9 m) of #40 corrosion resistant roller chain, two cast steel gate mounting brackets for bolt-on or welded assembly, one Nice EPMAB through-beam photo eye with BlueBUS technology, one 5-foot premium ASO edge sensor 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. 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

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

** 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



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