

# SlideDriver™ II SD50F

Maximum security  
combined with extreme  
durability

The most secure slide gate  
operator with power to move  
any gate, customizable for every  
unique application.



## Features:



**Powerful:**  
Move gates up to 5,000 lb.



**Tough:**  
Secure steel chassis and taper  
resistant cover.



**Reliable:**  
UPS models remain functional  
during a power outage.



**Programmable:**  
Configure for specific  
site requirements.



**Fast:**  
2.2-3 ft/s operating speed.  
Emergency fast operate  
at 3 ft/s.



**Smart:**  
Integrated primary/secondary  
controls and preprogrammed  
relay settings.



**All weather performance:**  
Wide temperature range  
without heater.



**Durable:**  
Decades long life and  
low maintenance.



**Made in USA:**  
Designed, tested and built  
with in USA from globally  
sourced materials



HySecurity®

# SlideDriver™ II SD50F

## Next Generation

Builds on a legacy of security and reliability with the new SmartTouch™ 725 controller



**NEW!**

powered by  
**SmartTouch 725**

## Technical Specifications

Model	SlideDriver II SD50F
Duty Cycle	Continuous
Horsepower	2 hp
Drive	Hydraulic with VFD motor control
Drive Wheels	Two 8 inch (20 cm) AdvanceDrive wheels
Rate of Travel	Field adjustable, 2.2 ft/s (70 cm/s) or 3 ft/s (91 cm/s). Emergency Fast Operate 3 ft/s (91 cm/s)
Gate Length Max.	Limited only by weight
Gate Weight Max.	Up to 5,000 lb (2,268 kg)
Pull Force	300 lb (136 kg)
UPS Battery BackUp Cycles*	Optional 230V AC Power Supply w/HyInverter AC™
Temperature Rating	-40° to 158° F (-40° to 70° C)
Single Phase Voltages	208-230V 60Hz, 220V 50Hz***
Three Phase Voltages	208-230/460V 60Hz, 220/380/440V 50Hz***
Included Accessories	One premium EMX IRB-MON photo eye, one 5-foot premium ASO edge sensor
Communication	BlueBUS, USB, Ethernet, RS-485, Bluetooth, OXI receiver
User Controls	SmartTouch 725 Controller with 70+ configurable settings. 32 character OLED display and 7 tactile buttons, or Bluetooth smartphone interface, for programming. SmartTouch 720 Available without Bluetooth or Ethernet.
Relays	Three configurable user relays: Two 30VDC 2A solid state, one 240VAC, 20A electromechanical. Optional I/O Expansion module for 8 additional relay outputs.
Enclosure	N/A
Finish	Zinc plated with powder coating
ETL Listed (UL 325)	Usage Class III, IV
Warranty	5 year w/product registration

\*The actual number of gate cycles available from battery power 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.

\*\*\*Refer to Installed Options on pricing for all 50Hz voltages, which are special order.



  
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Nice/HySecurity is an industry leader of automated gate and perimeter security solutions. The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.

**Nice**

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