

# SlideDriver™



## Slide Gate Operator

Ultra reliable • Unlimited cycles • Secure • Long/Heavy gates • Low maintenance

- **Moves up to 20,000 lb (9,072 kg) gates with ease**
- **Longest life and lowest maintenance.** SlideDriver reliably secures tens of thousands of sites worldwide and lasts decades
- **Smooth travel and less wear.** 1 ft/s (30 cm/s) to 3 ft/s (91 cm/s) Emergency Fast Close available on SlideDriver 50VF2/3
- **Seamless synchronization** with all HySecurity operators for dual gate, sally port or sequenced gate integration
- **31 models** including UPS, Correctional Facility and Modular



**SMART TOUCH CONTROLLER** provides the ultimate in reliability, configurability and system troubleshooting.

**INSIDE ELECTRICAL ENCLOSURE**

Smart Touch Controller keypad & display

**INDUSTRIAL GRADE COMPONENTS** ensure extremely low maintenance and exceptionally long life.

**EXTREMELY RELIABLE HYDRAULICS** contain only one gallon of high performance hydraulic fluid. Operates without fail in hottest and coldest climates.

**SlideDriver 15**  
1,500 lb gates (680 kg)  
1 ft/s (30 cm/s)



**SlideDriver 30F**  
3,000 lb gates  
(1,361 kg)  
1.7 ft/s (50 cm/s)

**SlideDriver 40**  
4,000 lb gates  
(1,814 kg)  
1 ft/s (30 cm/s)

**SlideDriver 50VF 2/3**  
5,000 lb gates  
(2,268 kg)

**SlideDriver 80**  
8,000 lb gates  
(3,629 kg)  
1 ft/s (30 cm/s)

**SlideDriver 200**  
20,000 lb gates  
(9,072kg)  
1 ft/s (30 cm/s)

Field adjustable 2.2 ft/s (70 cm/s) or 3 ft/s (90 cm/s) and Emergency Fast Close

Visit [www.hysecurity.com](http://www.hysecurity.com)

For specifications, tech support, pictures and email subscriptions

**HySecurity®**  
*Simple. Reliable. Secure.®*

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# Ultra Reliable High Security

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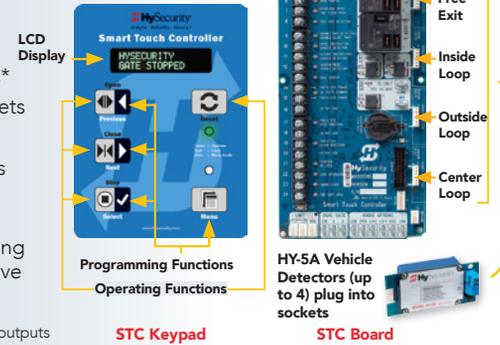


See the latest at [www.hysecurity.com](http://www.hysecurity.com)

HySecurity operators secure the world's critical infrastructure and key assets where ultimate reliability is vital. SlideDriver delivers uncompromising quality to industrial customers worldwide, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.

## PROGRAM AND TROUBLESHOOT USING SMART TOUCH CONTROLLER AND S.T.A.R.T.

- Microprocessor-based (Non-PLC)
- 21 field configurable inputs
- 3 field configurable user relay outputs\*
- 4 plug-in HY-5A vehicle detector sockets
- RS-232, RS-485 and HyNet™
- Date & time stamped fault logs, errors and security alerts
- PC interface provided for easy configuration and quick troubleshooting using Smart Touch Analyze and Retrieve Tool (S.T.A.R.T.)



\*Hy8Relay option provides 8 additional user relay outputs

## 31 SlideDriver™ Models

	FAST		FAST			
	1,500 lb (680 kg) gates 1 ft/s (30 cm/s)	3,000 lb (1,361 kg) gates 1.7 ft/s (50 cm/s)	4,000 lb (1,814 kg) gates 1 ft/s (30 cm/s)	5,000 lb (2,268 kg) gates 2.2 ft/s (70 cm/s) or 3 ft/s (91 cm/s)	8,000 lb (3,629 kg) gates 1 ft/s (30 cm/s)	20,000 lb (9,072 kg) gates 1 ft/s (30 cm/s)
Model	SlideDriver 15	SlideDriver 30F	SlideDriver 40	SlideDriver 50VF2/3	SlideDriver 80	SlideDriver 200
Part #	222 SS ST	222 EX 1.7 ST	222 E ST	222 X3 ST	222 X1 ST	444 XS ST
Duty Cycle	Continuous					
Horsepower	1 hp	2 hp	1 hp	2 hp	2 hp	5 hp
Drive	Hydraulic					
Drive Wheels	Two 6" (15 cm) AdvanceDrive wheels	Two 6" (15 cm) AdvanceDrive wheels	Two 6" (15 cm) AdvanceDrive wheels	Two 8" (20 cm) AdvanceDrive wheels	One 8" (20 cm) AdvanceDrive wheel, One 8" XtremeDrive wheel and 27 ft (8 m) of rack	Two 8" (20 cm) AdvanceDrive wheels, Two 8" XtremeDrive wheels and 52 ft (16 m) of rack
Gate Weight Max.	1,500 lb (680 kg)	3,000 lb (1,361 kg)	4,000 lb (1,814 kg)	5,000 lb (2,268 kg)	8,000 lb (3,629 kg)	20,000 lb (9,072 kg)
Gate Length Max.	Limited only by weight					
Drawbar Pull	300 lb (136 kg)	300 lb (136 kg)	300 lb (136 kg)	300 lb (136 kg)	600 lb (272 kg)	1,200 lb (544 kg)
Rate of Travel	1 ft/s (30 cm/s)	1.7 ft/s (50 cm/s)	1 ft/s (30 cm/s)	Field adjustable, 2.2 ft/s (70 cm/s) or 3 ft/s (91 cm/s) Emergency Fast Close 3 ft/s (91 cm/s)	1 ft/s (30 cm/s)	1 ft/s (30 cm/s)
Temperature Rating	-40° F to 158° F (-40° C to 70° C) No heater necessary					
1 Phase Power	115/208/230V 60 Hz 110/220V 50 Hz	208/230V 60 Hz 220V 50 Hz	115/208/230V 60 Hz 110/220V 50 Hz	208/230V 60 Hz 220V 50 Hz	208/230V 60 Hz 220V 50 Hz	230V 60 Hz 220V 50 Hz
3 Phase Power	208/230/460V or 575V 60Hz; 220/380/440V 50Hz			208/230V 60/50Hz or 380/460V 60/50Hz	208/230/460V or 575V 60Hz; 220/380/440V 50Hz	
Communication	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory					
User Controls	Smart Touch Controller with 70+ configurable settings. Smart Touch keypad and display or a PC using S.T.A.R.T. software.					
Relays	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs					
Finish	Zinc plated with powder coating					
Listed to UL325	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV
Warranty	5 year					

### UPS Backup Power Options and Additional Models

DC Power Supply*	SlideDriver 15 UPS	SlideDriver 30F UPS	SlideDriver 40 UPS	-	SlideDriver 80 UPS	SlideDriver 200 UPS**
AC Power Supply with HylInverter*	SlideDriver 15 with HylInverter	-	SlideDriver 40 with HylInverter	SlideDriver 50VF2/3 with HylInverter	-	-
Correctional Facility	-	SlideDriver 30F-C	SlideDriver 40-C	SlideDriver 50VF2/3-C	SlideDriver 80-C	SlideDriver 200-C
Modular	SlideDriver 15-M	SlideDriver 30F-M	SlideDriver 40-M	SlideDriver 50VF2/3-M	SlideDriver 80-M	SlideDriver 200-M

\* 3,000 ft/hr expected duty cycle. \*\* 2,000 ft/hr expected duty cycle. Actual duty cycle depends on site specific conditions and gate configuration.

This operator requires a minimum of two external entrapment protection sensors, monitoring both the open and close direction of travel.

Visit [www.hysecurity.com/gatesafety](http://www.hysecurity.com/gatesafety) for current list of HySecurity and UL or ETL approved external entrapment protection sensors and sensor accessories.

**OPTIONAL ACCESSORIES:** HY-5A intelligent vehicle detectors, 12 in (30 cm) base extension, tamper proof heavy gauge cover, cabinet lock, solenoid lock, Fire and Emergency Access Lock Box, heater, strobe light, photo eye, snowbrush and blade kit, XtremeDrive rack kit, custom colors and more.

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Download operator specifications online at [www.hysecurity.com](http://www.hysecurity.com) or call to speak with a HySecurity representative today.



Contact HySecurity for an operator/parts distributor near you.  
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