

# StrongArm™

## Barrier Arm Operator

Ultra reliable • 2,000 per day cycles • Heavy arms • Wide openings • Low maintenance

- **Very long arms**, from 10 to 36 feet (3 to 11 meters)
- **Open speed, 2 to 8 seconds** depending on arm length
- **Heavy duty, secure chassis** with environmentally safe hydraulics
- **Gentle soft-start and stop** extends operator life
- **Easy multi-operator integration**
- **Full 90° open** prevents tall vehicles from clipping arm
- **Tested and listed by Intertek**, a nationally recognized testing lab. Visit [hysecurity.com](http://hysecurity.com) for more on the significance of UL 325 listing



Military

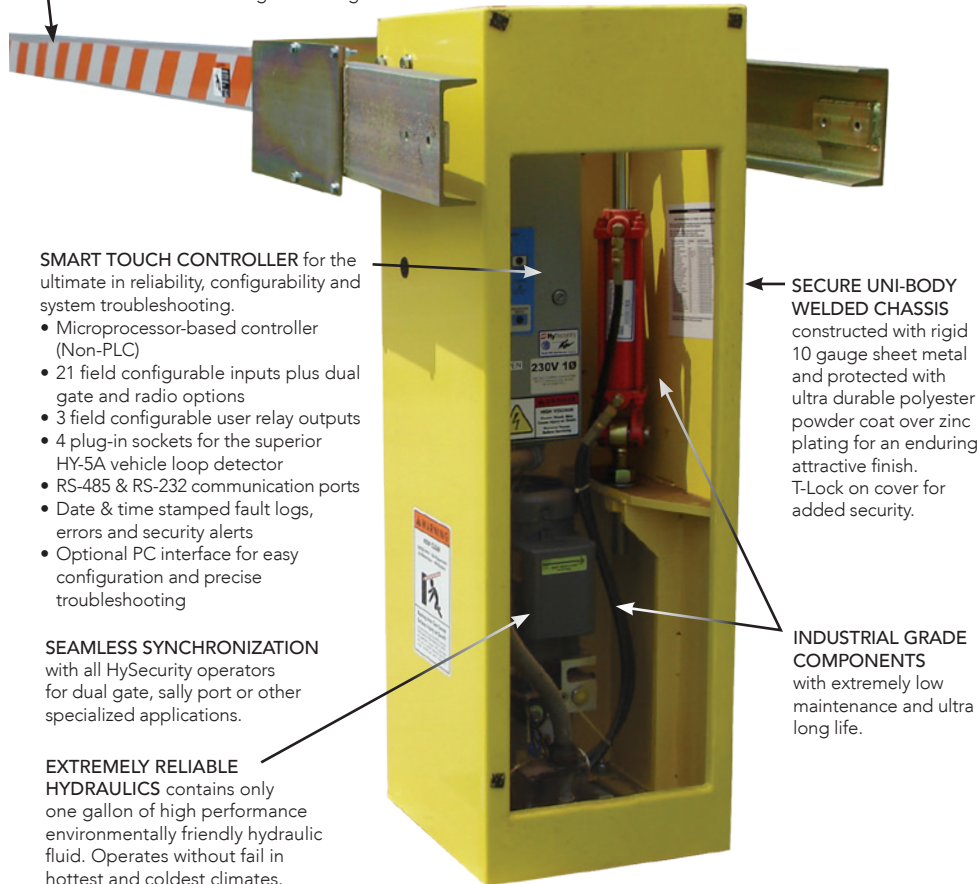


Aviation



Commercial

ARM OPTIONS: Wood, aluminum, fiberglass, or aluminum/fiberglass with side or center yoke mount and counterweights for long arms.



**StrongArm 14F**  
Up to 14 ft (4.3 m)  
Side mount  
2 seconds to open  
3 seconds to close



**StrongArm 20**  
Up to 20 ft (6 m)  
Side or center yoke  
3 seconds to open  
4 seconds to close



**StrongArm 28**  
Up to 28 ft (8.5 m)  
Center yoke  
5 seconds to open  
6 seconds to close



**StrongArm 36**  
Up to 36 ft (11 m)  
Center yoke  
8 seconds to open  
8 seconds to close

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

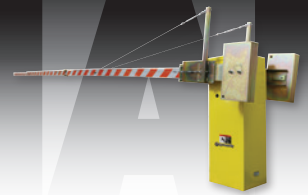
For specifications, tech support, pictures and email subscriptions

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# Ultra Reliable High Security

Distributed by:



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

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

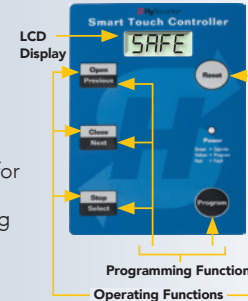
**SIMPLE.** HySecurity strives for simplicity. Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair.

**RELIABLE.** HySecurity operators last decades under the harshest climactic and user conditions.

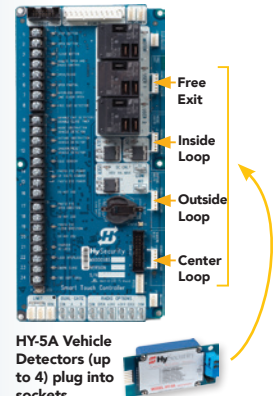
**SECURE.** HySecurity is the most used operator on critical infrastructure sites like nuclear power plants, high security government agencies, embassies, ports, airports, and much more.

## SMART TOUCH CONTROLLER AND S.T.A.R.T (Smart Touch Analyze & Retrieve Tool)

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



Smart Touch Controller Keypad



HY-5A Vehicle Detectors (up to 4) plug into sockets

Smart Touch Controller Board

## 8 StrongArm™ Models

	FAST	STANDARD	LONGEST ARMS	
Model	StrongArm 14F	StrongArm 20	StrongArm 28	StrongArm 36
Part#	HTG 320-2 ST	HTG 320-3 ST	HTG 320-6 ST	HTG 320-8 ST
Duty Cycle	2,000 cycles/day			
Horsepower	3/4 hp			
Open/Close Time	2 seconds to open; 3 seconds to close	3 seconds to open; 4 seconds to close	5 seconds to open; 6 seconds to close	8 seconds to open; 8 seconds to close
Arm Length Capacity*	Up to 14 ft (4.3 m)	Up to 20 ft (6 m) * Side mount available for arms up to 18 ft (5.5 m)	Up to 28 ft (8.5 m)*	Up to 36 ft (11 m)**
Arm Designs	Side mount. Aluminum, fiberglass or wood up to 14 ft (4 m)	Side or center yoke. Aluminum, fiberglass up to 16 ft (5 m), or wood up to 14 ft (4 m)	Center yoke. Aluminum up to 24 ft (7 m), fiberglass up to 16 ft (5 m), or aluminum-fiberglass 26+ ft (8+ m)	Center yoke. Aluminum-fiberglass up to 36 ft (11 m)
Temperature Rating	-40° F to 158° F (-40° C to 70° C) using environmentally friendly Uniflow fluid or -10° F to 158° F (-23° C to 70° C) using biodegradeable fluid. No heater necessary.			
1 Phase Power	115/208/230V 60 Hz, 110/220V 50 Hz			
3 Phase Power	208/230/460/575V 60 Hz, 220/380V 50 Hz			
Communication	RS-232, RS-485			
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			
UL 325 Listing	Usage Class I, II, III, IV			
Warranty	5 year			

### UPS Backup Models

UPS Backup Model	StrongArm 14F UPS	StrongArm 20 UPS	StrongArm 28 UPS	StrongArm 36 UPS
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\*Arms 20 ft or longer require counterweights. \*\*Arms 30 ft or longer require cable tensioner and arm stabilizer kit and additional counterweights.

**OPTIONAL ACCESSORIES:** HY-5A intelligent vehicle detectors, UPS battery backup, custom colors, arm light kit and heater. Compatible with most access control devices, safety, vehicle detection, and other accessories.

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, tech manuals, help with specialty 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.

