

**Region:** 5

**Location:** VA099

**CSS #:** 30224

**Maximo Work Order No.:** 14146

**Asset #:** NA

**Date Issued:** 5/24/21

**Original Description:** The gate is cycling up and down. Does not stay down.

**Repairs Needed:**

Labor and materials to replace existing non-functioning Drop Down Gate Operator at the Bedford, VA USARC

**RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):**

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
1	NA	LoCurrent Total See attached Detail	--	--	\$15,670.10	--	\$15,670.10
--	NA	Admin	--	--	--	--	\$50.00
--	NA	Locurrent Labor	32	85	--	--	\$2,720.00
--	NA	TW Coordination Labor	4	80	--	--	\$320.00

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
36	\$3,090.00	\$15,670.10	--	\$18,760.10	106%	<b>\$19,885.71</b>

**LoCurrent Systems, LLC**

3522 County Highway 11  
 Cooperstown, NY 13326  
 (607)293-7300  
 locurrent@gmail.com



# Estimate

**ADDRESS**

Tidewater Inc.  
 6625- A Selnick Drive  
 Elkridge, MD 21075

**ESTIMATE #** 1799**DATE** 05/24/2021**P.O. NUMBER**

Bedford VA099 Replace Gate Op.

	ACTIVITY	QTY	AMOUNT
05/24/2021	<b>Services</b> Bedford, VA USARC VA099 Replace Drop Down Gate Operator CSS#30224 WO#14146	1	18,440.10

Dear Mary:

As per your request, LoCurrent Systems is pleased to provide a quotation to replace existing non-functional Drop Down Gate Operator at the Bedford, VA USARC VA099.

Cost Breakdown:

(1) Hydraulic Powered Barrier Gate Operator.....	\$12,000.68
(1) Barrier Arm, Yoke Mount 24'.....	\$2,919.42
Disposal.....	\$250.00
Shipping & handling.....	\$500.00
(2) men 16 hrs @ \$85.....	\$2,720.00
Administrative.....	\$50.00

Grand Total.....	\$18,440.10
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Please Note: Cost for the above mentioned is based on the re-use of existing Power and Communications, existing Concrete Pad and existing Loop Detector Wire.

The cost for the above mentioned work is \$16,406.13.

If acceptable, please do not hesitate to contact us so that we

ACTIVITY	QTY	AMOUNT
may schedule for work to be completed.		
Thank you.		
Sincerely, Antonietta LoRusso		
	TOTAL	<b>\$18,440.10</b>

Accepted By

Accepted Date

# INDUSTRIAL

# StrongArm™

Barrier Arm Operator

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

- **Very long arms**, from 10 to 36 ft (3 to 11 m)
- **Open speed, 2 to 8 seconds** depending on arm length
- **Heavy duty, secure chassis** with environmentally safe hydraulics
- **Breakaway arm bracket option** reduces the cost of arm replacement or operator damage due to a vehicle strike
- **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



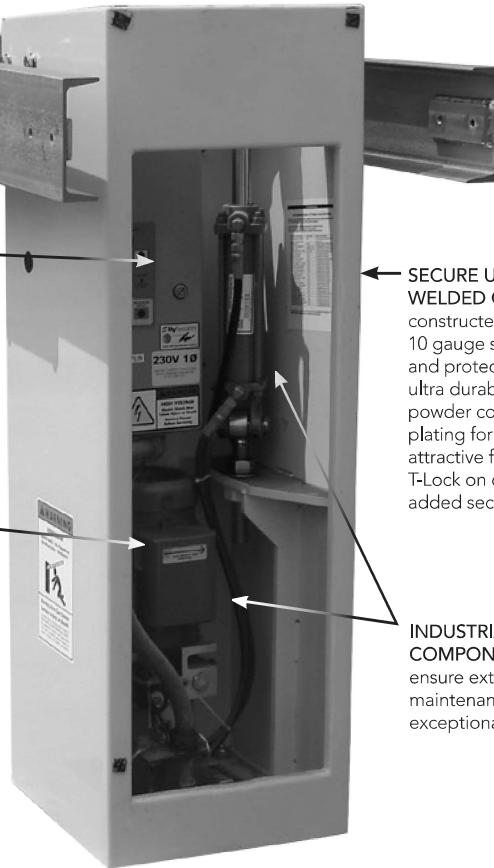
ARM OPTIONS: Wood, aluminum, fiberglass, or aluminum/fiberglass with side or center yoke mount and counterweights for long arms.



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

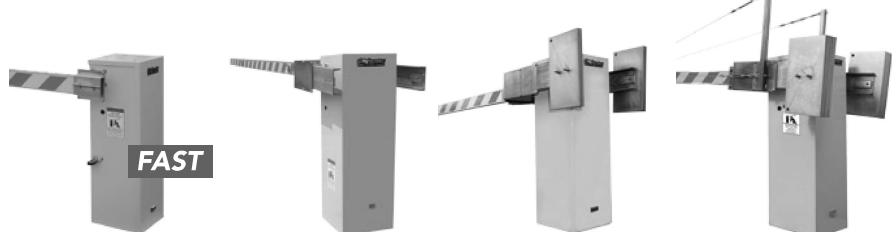
SEAMLESS SYNCHRONIZATION with all HySecurity operators for dual gate, sally port or other specialized applications.

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



SECURE UNI-BODY WELDED CHASSIS constructed with rigid 10 gauge sheet metal and protected with ultra durable polyester powder coat over zinc plating for an enduring attractive finish. T-Lock on cover for added security.

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



**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



Power Door Products

(914) 698-5083

[www.PowerDoorProducts.com](http://www.PowerDoorProducts.com)

# Ultra Reliable High Security

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

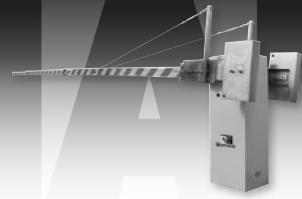
**HySecurity operators** secure the world's critical infrastructure and key assets where ultimate reliability is vital. **StrongArm** delivers uncompromising quality to industrial customers worldwide, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.

**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 climates and user conditions.

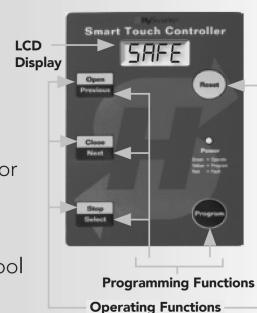
**SECURE.** HySecurity is the most used operator on critical infrastructure sites such as nuclear power plants, high security government agencies, embassies, ports, airports, and much more.

Distributed by:

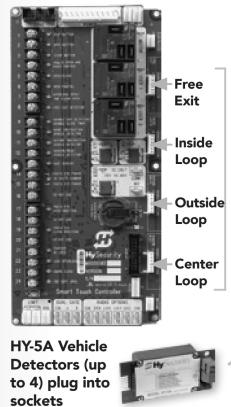


## SMART TOUCH CONTROLLER AND S.T.A.R.T. (Smart Touch Analyze & Retrieve Tool)

- Microprocessor-based (Non-PLC)
- 21 field configurable inputs
- 3 field configurable user relay outputs
- 4 plug-in HY-5A vehicle detector sockets
- RS-485 and RS-232
- 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.)



Smart Touch Controller Keypad



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	
Duty Cycle	2,000 cycles/day			
Horserpower	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 or center mount. Aluminum, fiberglass or wood up to 14 ft (4.3 m)	Side or center yoke. Aluminum, fiberglass up to 16 ft (5 m), or wood up to 14 ft (4.3 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			
ETL Listed (UL 325)	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:** Breakaway arm bracket, HY-5A intelligent vehicle detectors, 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 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.

