

Region: 5

Location: VA099

CSS #: 30224

Maximo Work Order No.: 14146

Asset #:

Date Issued: 05/24/21

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 |
|----------|------------------|--|-------------|---------------|-------------|-----------|-------------|
| -- | NA | Materials (See attached detail) | -- | -- | \$13,956.13 | -- | \$13,956.13 |
| -- | NA | LoCurrent Labor (2 men @ 16 hrs each) | 16 | \$150.00 | -- | -- | \$2,400.00 |
| -- | NA | LoCurrent Admin Fee | 1 | \$50.00 | -- | -- | \$50.00 |
| -- | NA | TWI Coordination | 4 | \$80.00 | -- | -- | \$320.00 |

Estimate Summary:

| Labor Hours | Labor Cost | Material Cost | Equipment | Total Cost | CE Factor | Total Estimate |
|-------------|------------|---------------|-----------|-------------|-----------|--------------------|
| 21 | \$2,770.00 | \$13,956.13 | | \$16,726.13 | 106% | \$17,729.70 |

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 | Services Bedford, VA USARC VA099 Replace Drop Down Gate Operator CSS#30224 WO#14146 | 1 | 16,406.13 | 16,406.13 |

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.....\$10,286.71
(1) Barrier Arm, Yoke Mount
24'.....\$2,919.42
Disposal.....\$250.00
Shipping & handling.....\$500.00
(2) men 16 hrs @
\$75.....\$2,400.00
Administrative.....\$50.00

Grand
Total.....\$16,406.13

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

\$16,406.13

Accepted By

Accepted Date

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 for more on the significance of UL 325



Military



Aviation



Commercial

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



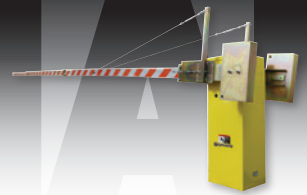
Power Door Products

(914) 698-5083

www.PowerDoorProducts.com

Ultra Reliable High Security

Distributed by:



See the latest from HySecurity at 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.

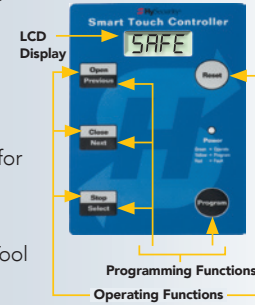
SIMPLE. HySecurity strives for simplicity. Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair.

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

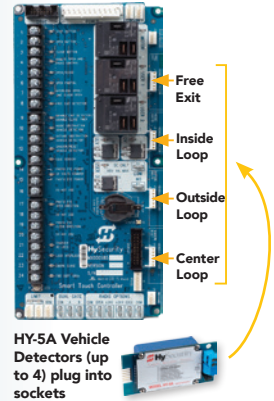
SECURE. HySecurity is the most used operator on critical infrastructure sites such as nuclear power plants, high security government agencies, embassies, ports, airports, and much more.

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



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 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 biodegradable 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 | | | |

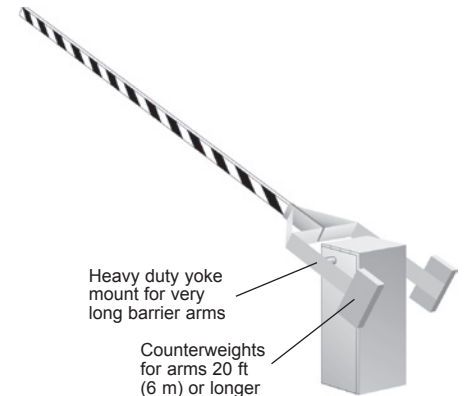
UPS Backup Models

| UPS Backup Model | StrongArm 14F UPS | StrongArm 20 UPS | StrongArm 28 UPS | StrongArm 36 UPS |
|------------------|-------------------|------------------|------------------|------------------|
|------------------|-------------------|------------------|------------------|------------------|

*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 or call to speak with a HySecurity representative today.



Heavy duty yoke mount for very long barrier arms

Counterweights for arms 20 ft (6 m) or longer



Simple. Reliable. Secure.®



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