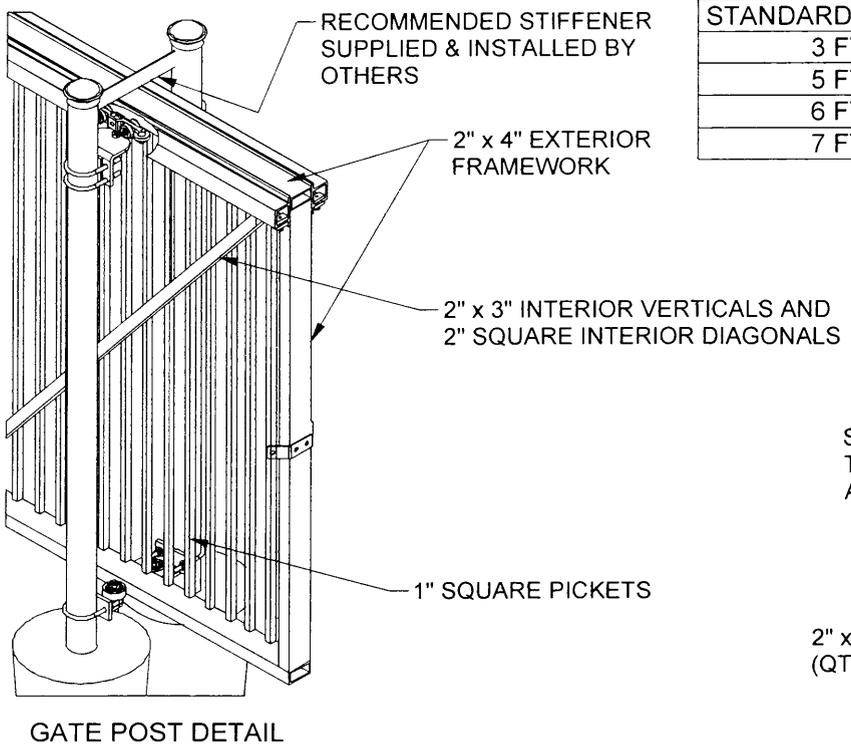
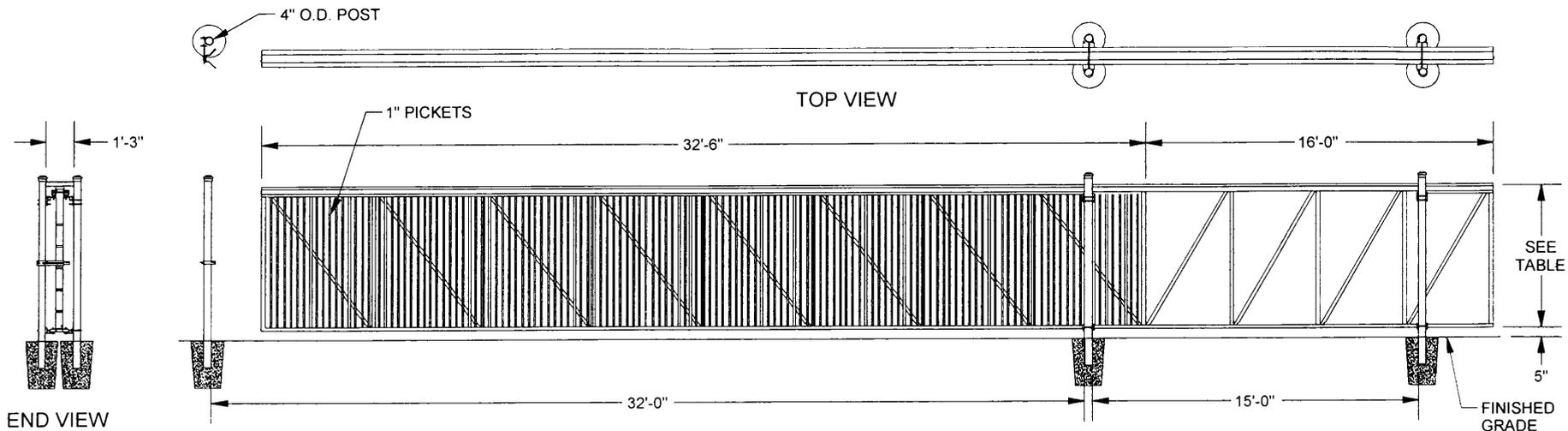
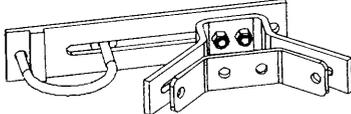
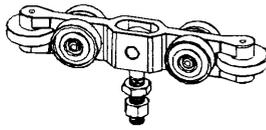
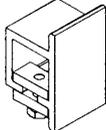
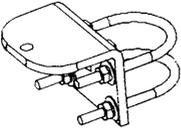
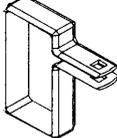
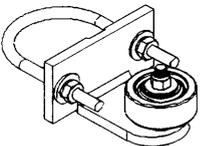


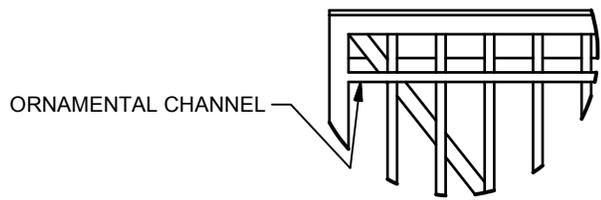
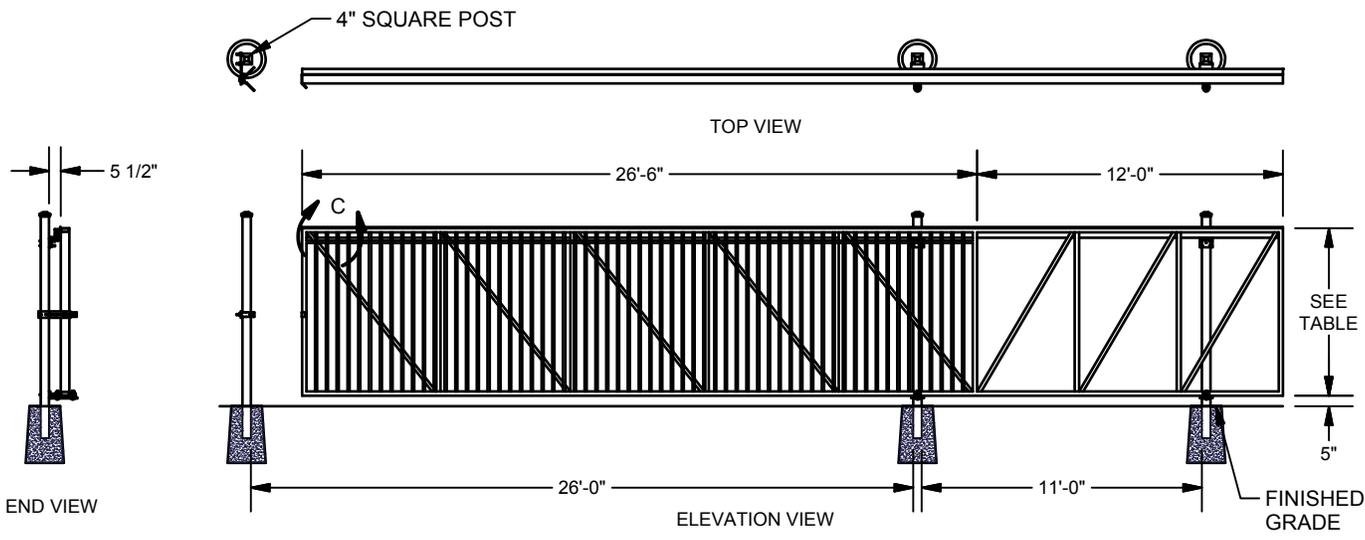
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| PRO ACCESS | | Pro Access 1785 W. Armitage Ct., Addison, IL. 60101 (630) 426-0022 | | JOB NAME: | DATE: |
| DRAWN BY: J. BAZANT | DATE: 02/27/17 | DRAWING NAME: 8100 TWIN TRACK 32' | CUSTOMER: | P.O. #: | SIGNATURE: |
| SCALE: NTS | | | | | |



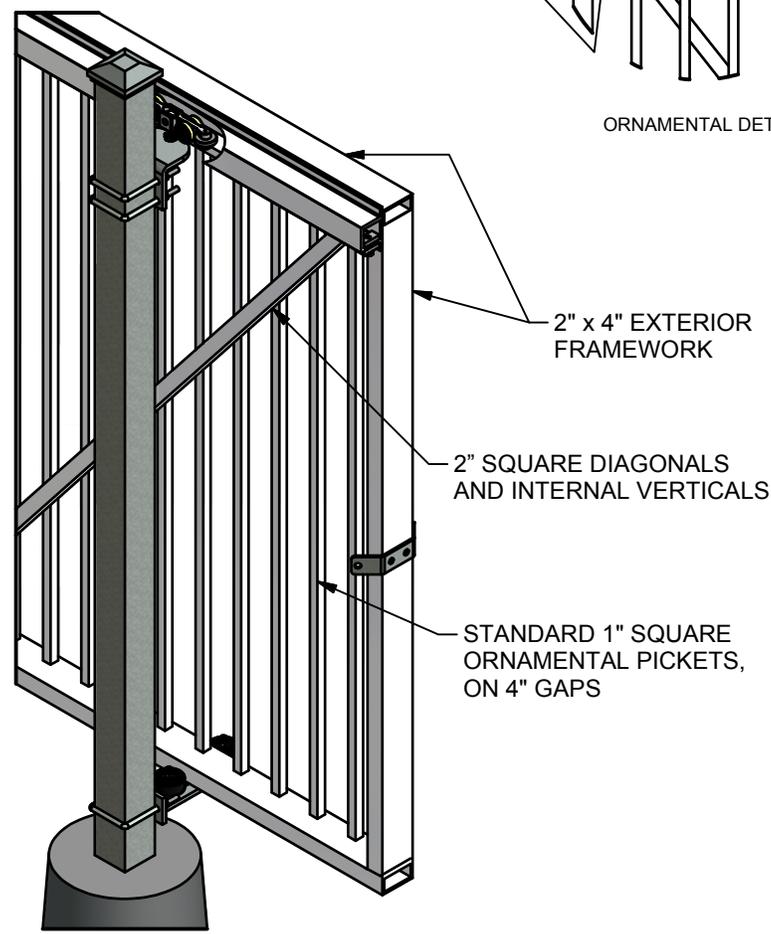
| STANDARD GATE HEIGHTS | |
|-----------------------|--|
| 3 FT. - 7 IN. | |
| 5 FT. - 7 IN. | |
| 6 FT. - 7 IN. | |
| 7 FT. - 7 IN. | |

- SAFEGSLIDE ADJUSTABLE CATCH (QTY. 1) 
- SAFEGSLIDE TRUCK ASSEMBLY (RATED 2750 LBS.) 
- SAFEGSLIDE TRACK EXTRUSION AND GATE STOP 
- SAFEGSLIDE TRUCK HANGER BRACKET (QTY. 4) 
- 2" x 4" TENSION BAND (QTY. BASED ON HEIGHT) 
- SAFEGSLIDE SINGLE WHEEL GUIDE (QTY: 4) 

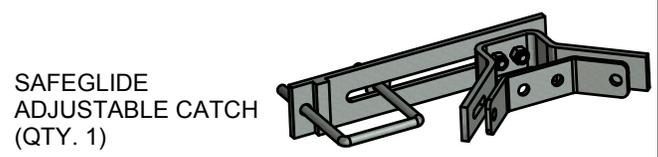
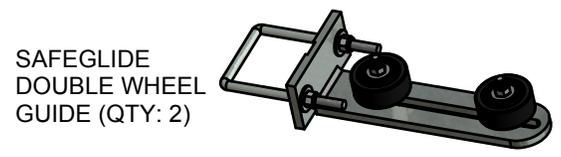
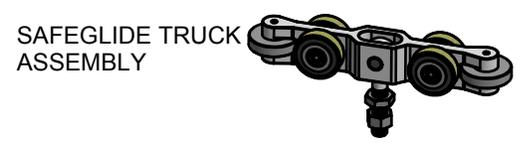
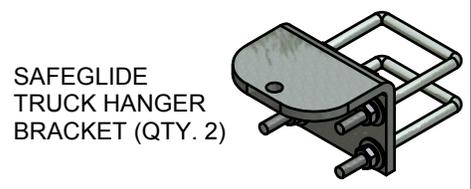
NOTE: GATES 10' AND UP ARE MANUFACTURED IN TWO PIECES AND REQUIRE FIELD ASSEMBLY. CONTACT PRO ACCESS FOR ADDITIONAL INFORMATION.



| STANDARD GATE HEIGHTS | |
|-----------------------|--|
| 3 FT. - 7 IN. | |
| 5 FT. - 7 IN. | |
| 6 FT. - 7 IN. | |
| 7 FT. - 7 IN. | |



GATE POST DETAIL



NOTE: GATES 10' HIGH AND UP ARE MANUFACTURED IN TWO PIECES AND REQUIRE FIELD ASSEMBLY. CONTACT PRO ACCESS FOR ADDITIONAL INFORMATION.

AdvantageDKE

Digital Keypad Economy



The **AdvantageDKE** line of digital keyless entry offers both post or single gang, surface mount configurations. All models are stand alone and have 100 fully programmable, four digit codes.

AdvantageDKE post mount models are housed in heavy metal, powder coated enclosures with stainless steel faceplates. A metal keypad is used providing years of trouble free use.

With a 100 code capacity, the **26-100L** and the **26-100sg** keypads are the perfect solution for many low cost installations.



American Access Systems, Inc.

YOUR PARTNER IN ACCESS CONTROL

AdvantageDKE



26-100L



26-100sg

General Specifications

- Input: 12-24 VAC or VDC
- Output: n/o or n/c contact 1 -9 second
- Operating temperature: -15 to 175 Fahrenheit
- 16 gauge stainless steel faceplate
- 16 gauge powder coated enclosure
- Dimensions:
 - 26-100L: 5.25h x 4.00w x 3.00d
 - 26-100sg: 4.50h x 2.75w x 0.75d
- Ship weight: 5 lbs.

Relay Specs

| | <u>DC Load</u> | <u>AC Load</u> |
|------------------------|----------------|----------------|
| Contact Rating | 1A @ 24V | .5A @ 120V |
| Max. switching voltage | 150V | 220V |
| Max. carrying current | 2A | 2A |
| Max. switching power | 28W | 60VA |

Features

- 100 programmable four digit codes
- Programmable Personal Master Code
- Programmable Latch / Unlatch Code
- Night Light
- Variable relay output time: 1 – 9 seconds
- Audible tone
- Non-volatile memory
- Power consumption: 25mA @ 24VAC
- Limited two year warranty

Manufactured by:

American Access Systems, Inc
7079 S Jordan Rd. Unit 6
Centennial, CO 80112
ph: (800) 541-5677
fx: (303) 799-9756
www.americanaccess.com

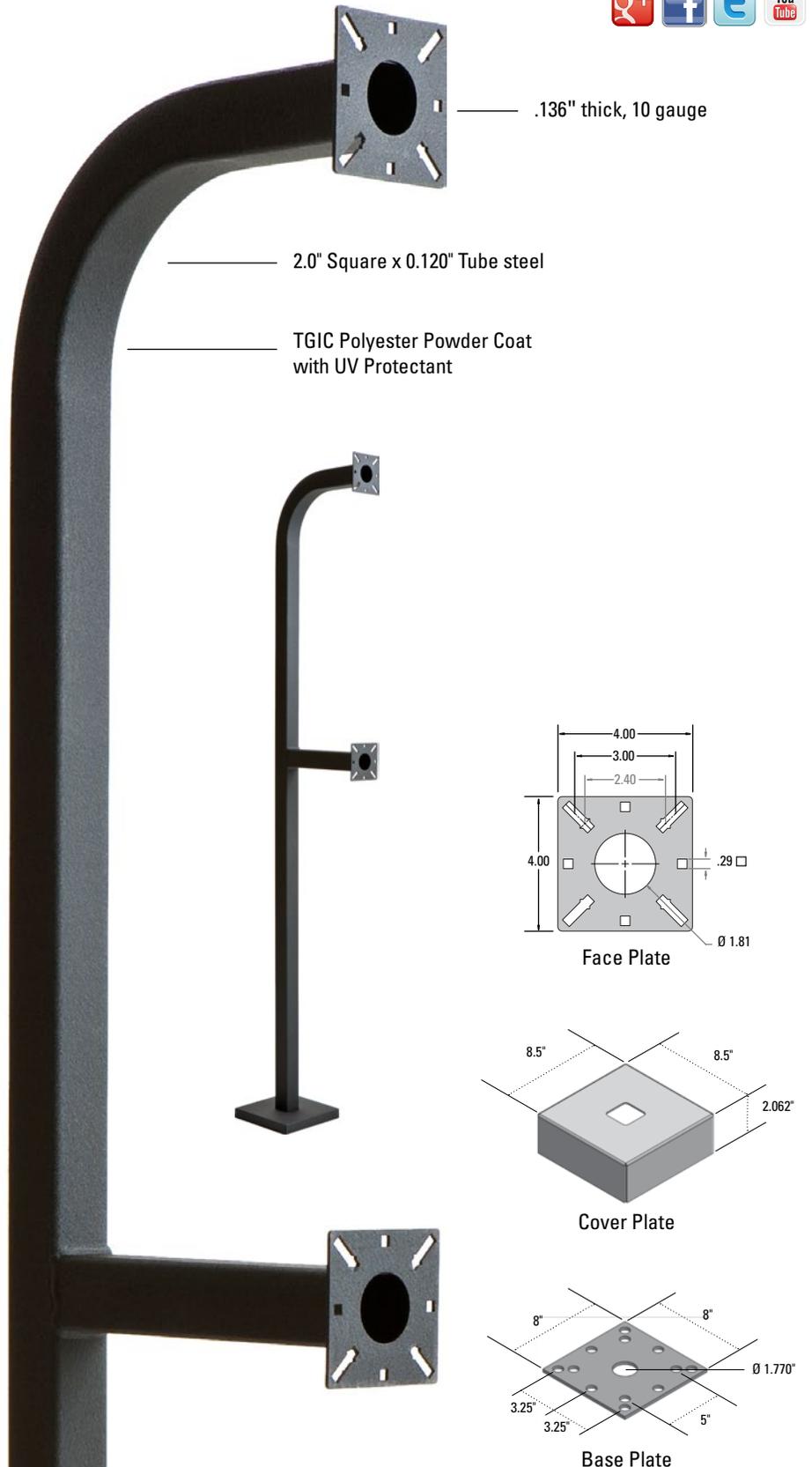
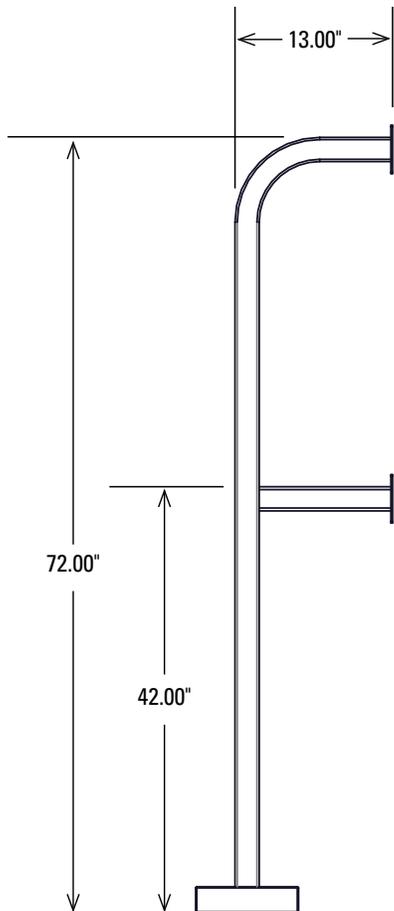
Distributed by:

DATA SHEET



A dual height pedestal with one extension at 72" and the other at 42". Both extensions originate from a single vertical post making wiring easy. This pedestal can accommodate ADA-compliant specifications as well as car, SUV, and truck/bus applications. Contains conduit access through its baseplate for electrical wiring. It is bent at 90 degrees for a clean, professional look. It is finished off using a UV protected polyester black wrinkle powdercoat.

- ☑ Generally in stock
- ☑ Custom heights and colors available—request a price quote



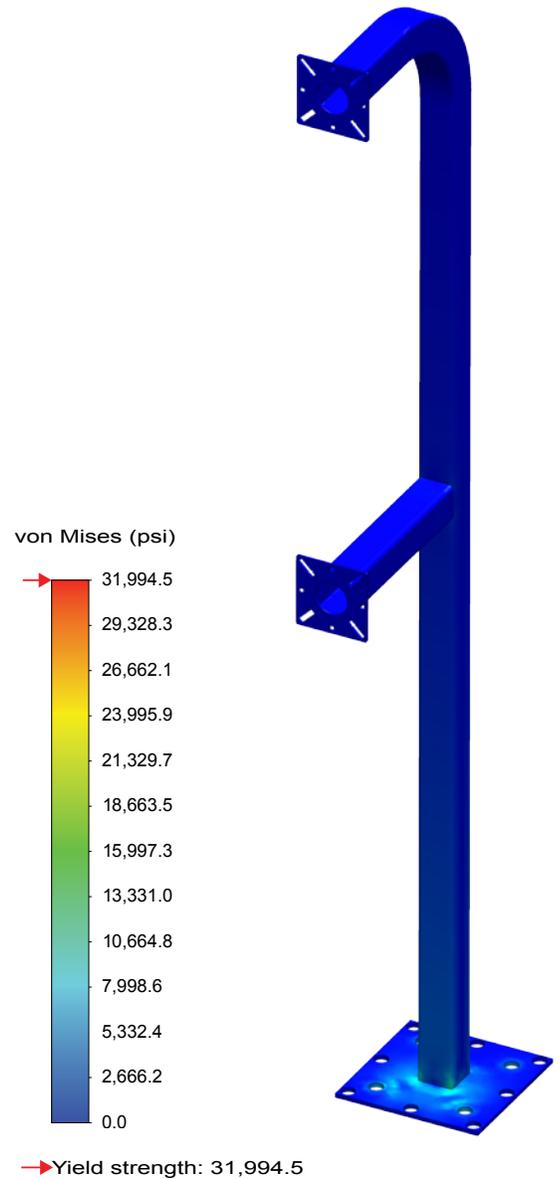
Stress Tests

| | |
|------------------------------------|---|
| Wind Speed | 157 mph (Category 5 hurricane) |
| Wind Force | 0.54 psi |
| Maximum Deflection or Displacement | 0.207" at top edge |
| Maximum Stress | 13,634.10 psi |
| Yield Strength | 31,994.5 psi (strength at which the material bends permanently) |

Interpretation: A "Category 5" hurricane wind begins at 157mph sustained. At this speed, the pedestal will flex slightly, allowing it to move about 0.207" at most. However, the stress encountered is not high enough to cause permanent bending. In the real world, the concrete or mounting bolts and nuts would fail first, not to mention the electronics would blow off even sooner.

Unique Features

| | |
|-----------------------|---|
| Height: | 72" & 42" |
| Finish: | Black Wrinkle TGIC Polyester Powdercoat — with UV Protectant |
| Faceplate: | 4" x 4" Universal, .136" CRS (10 gauge) |
| Baseplate: | 8" x 8" Universal, .25" CRS |
| Tube: | 2" x 2" Square, .120" Wall (11 Gauge) |
| Neck: | 13", 90° Bend |
| Material: | Heavy Gauge Steel |
| Box Size: | 40 lbs - Box Size: 76 x 15 x 10 |
| Hardware: | Included: Carriage Bolts & Nuts |
| Color Options | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Customization Options | Custom heights and colors available |



About Us

Pedestal CEO is the largest and most experienced pedestal manufacturer in the U.S. With over 100,000 installations worldwide, our mounting solutions have been designed for, and tested in, virtually every weather climate around the world. We demand the highest quality materials and the best production processes to ensure product strength, longevity, and ultimate customer satisfaction. Visit our website today for a comprehensive list of stock items or request a quote from our world class custom fabrication team.



www.PedestalCEO.com

800-660-3072

Associated Products



PEDESTAL CEO

50ft Reflective Photoelectric Beam Sensor

E-931-S50RRGQ Range: Up to 50ft (15m)



Features:

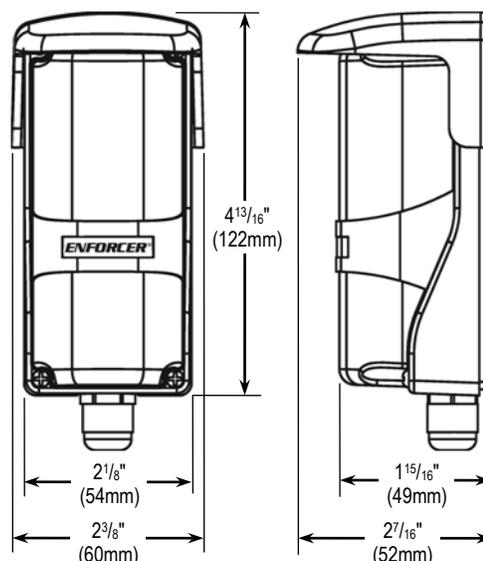
- Up to 50ft (15m) range
- For outdoor gates, garage doors, etc.
- Weatherproof (IP55) construction for indoor/outdoor use
- Anti-condensation housing
- Dual-color LED alignment system
- Form C relay: 500mA@30VAC/VDC
- Tamper switch: N.C. 500mA@30VAC/VDC
- 3 1/4" (82mm) Round reflector included
- Compact size
- Monitored output:
 - N.C.
 - 10kΩ Resistor



Specifications:

| | | |
|------------------------------|--------------------------|--------------------------------------|
| Model | | E-931-S50RRGQ |
| Type | | Reflective Photoelectric Beam Sensor |
| Sensing range | | 50ft (15m) |
| Operating voltage | | 12-30V DC/AC 60Hz, 100mA |
| Current Draw | Standby | 55mA@12VDC |
| | Active | 40mA@12VDC |
| Response time | | 10ms |
| Light source | | IR LED |
| LEDs | Solid green | Good beam signal, properly aligned |
| | Alternating flash | Poor beam signal |
| | Solid red | No beam signal, triggered |
| Trigger output | | SPDT Relay output (NO/NC/COM) |
| Switching capacity | | 500mA@30VAC/VDC |
| Tamper switch | | 500mA@30VAC/VDC |
| IP Rating | | IP55 |
| Operating temperature | | -13°~140° F (-25°~60° C) |

Dimensions:



SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA, 92606

Phone: (949) 261-2999 | (800) 662-0800 Fax: (949) 261-7326

Website: www.seco-larm.com Email: sales@seco-larm.com



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SECO-LARM® ENFORCER® CRIMEBUSTER® CBA SLI®

PI_E-931-S50RRGQ_160115.docx

NEW



SLIDE GATE OPERATOR

1600_{LBS} CAPACITY



RESIDENTIAL AND COMMERCIAL
CLASS I, CLASS II, CLASS III, AND CLASS IV VEHICULAR GATE OPERATOR

New "VFLEX" Control Board

Built-In Heater
• Cold Weather Operation
Down to -20°F

Multi-Layer Corrosion Protection
• G90 Galvanized
• Clear Zinc Plating
• UV Rated Powder Coating

Conveniently Located Manual
Release and Reset Switches

Integrated Modular Power Box
• Convenient Fuse Access
• LED Status Indicators
• Convenient Power Switch
• E-Z Access Power Outlet
• E-Z Set-up 115V/230V
• (Optional) Low Voltage
Removable Power Supply

New Redesigned Chassis
Post Mount Ready

Convenient J-Box for
High Voltage Wiring

COMPATIBLE WITH VIKING WIRELESS PRODUCTS

- Wireless Master/Slave Kit provides secure and reliable wireless communication.
- Remote access to the control board settings, programming, operator diagnostics, controls, gate status and error notifications, all from the convenience of a computer or any compatible handheld device.
- Plug & Play connection for Viking wireless expansion products.

EZ DIGITAL LIMITS

- Simple, push button limit setup.
- Adaptive Digital Limit control maintains open and close limit position during changing environments and power failures.

BATTERY BACKUP

- Standard Battery Backup provides 100 continuous cycles at 100% duty cycle.
- With Viking's "True" Battery Backup System, batteries are not used during normal operation, maximizing battery life.

DIAGNOSTICS DISPLAY

- On-board LCD screen displays voltages, amps, gate status and diagnostics.

LIGHTNING PROTECTION

- Advanced Lightning strike protection up 20,000 volts / 10,000 Amps.
- On-board surge protection monitoring.

INTERGATED HEATER

- Built-in heater for operating temperatures down to -20°F.
- This will allow you run your operator in the coldest conditions.

SOLAR SMART

- Power Saving technology minimizes current draw while at standby.



| | |
|---------------------------|---|
| Operational Voltage | ... 24 VDC with 1/2HP Motor |
| Main Power Source Options | ... 115 / 230 VAC Single Phase 24V AC/DC (Included Power Supply) |
| Battery | .. 7 AmpHr 12 VDC x 2 |
| Max Gate Capacity | ... 1600 lbs / 60' |
| Operating Speed | ... 12" per second |
| Battery Backup | ... 100 Full Cycles (1600 lbs) |
| Maximum Duty Cycle | ... 100% Continuous Cycle |
| Operating Temperature | ... - 20° F to + 158° F |

WARRANTY:
7 YEAR RESIDENTIAL
5 YEAR COMMERCIAL

- VIKING WIRELESS**
- SOLAR EFFICIENT OPERATION**



www.vikingaccess.com • 800 908 0884



NATIONAL LOOP COMPANY



SawCut Style Preformed Vehicle Detection Loop

Designed for Vehicle Detection With:

- Parking Barrier Gates
- Overhead Doors
- Gate Operators
- Traffic Signal
- Arming Devices
- Vehicle Count

The SawCut Style Preformed loop features a non spliced, continuous wire throughout loop turns and lead-in. Labor saving, a standard 18GA XNL loop fits in a 3/16" saw cut and the 18GA PNL loop fits in a 1/8" saw cut, only 1" deep. The polypropylene wrapped loop and machine twisted lead-in not only make installation a breeze but eliminates false signals, therefore ensuring you a flawless installation.

Durable XLP insulation over 19 strand copper wire means, even in frigid weather, turns of 45° or even 90° are easily accomplished.

SPECIFICATIONS

Loop Wire & Lead-In

One continuous length of 18GA XLP Insulated, 19 strand wire through loop turns and lead-in. Machine twisted lead-in with a minimum of 12 turns per foot.

Standard Loop Sizes

| | | | |
|----------|-----------|----------|----------|
| 2' x 6' | 2.5' x 6' | 3' x 6' | 4' x 6' |
| 4' x 7' | 4' x 8' | 4' x 9' | 4' x 10' |
| 4' x 11' | 4' x 12' | 5' x 12' | 6' x 12' |
| 6' x 13' | 6' x 14' | 6' x 15' | 6' x 16' |
| 6' x 17' | 6' x 18' | 6' x 19' | 6' x 20' |
| 6' x 21' | 6' x 22' | 6' x 24' | 6' x 26' |

Custom loop sizes are available.

Standard Lead-in Lengths

20', 30', 50', 75' and 100'
Custom lead-in lengths are available.

Outer Wrap

All loop wires are held securely together with a polypropylene back tape.

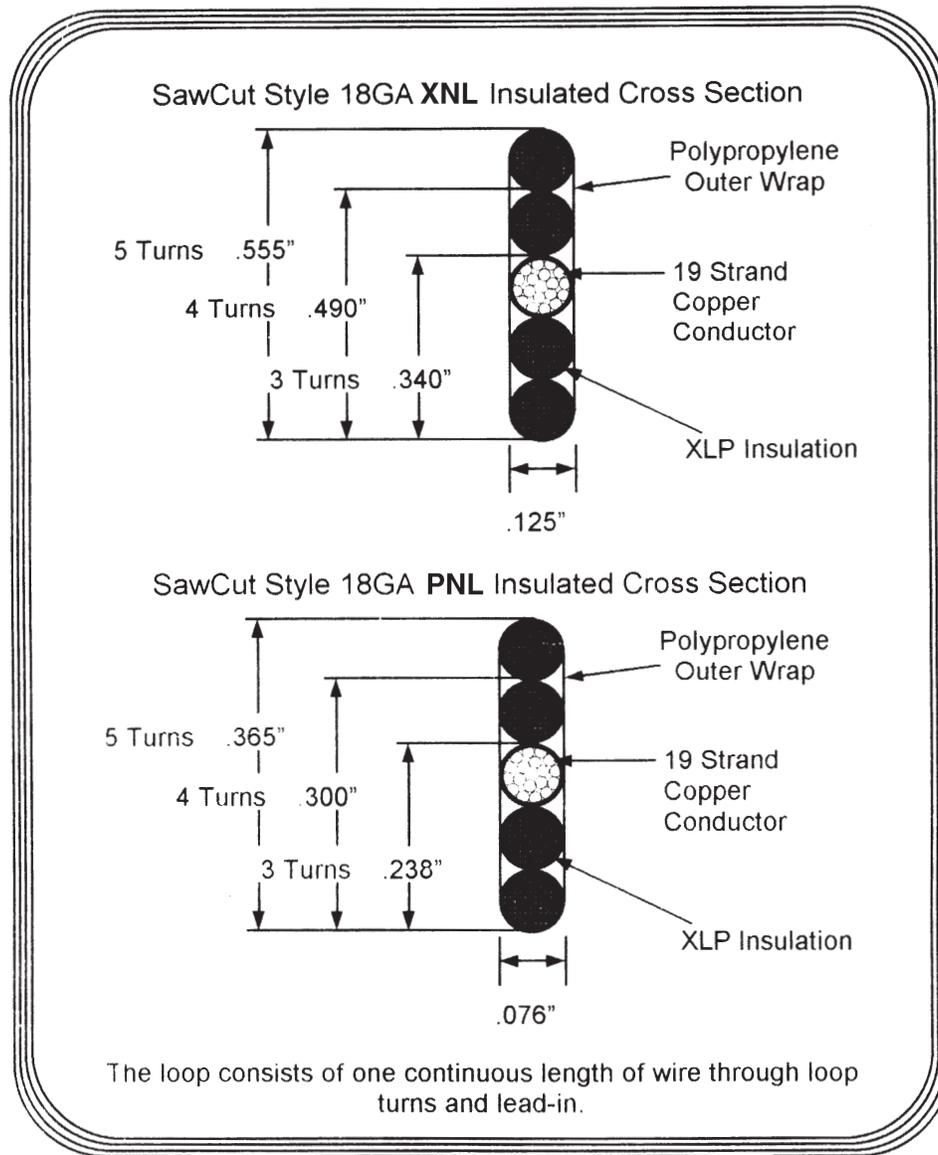
Standard Height & Width

| | |
|--------------------------------|--------------------------------|
| Width of all PNL SawCut Loops: | Width of all XNL SawCut Loops: |
| .076" | .125" |

Height is based on number of loop turns.

| PNL SawCut Loops | | XNL SawCut Loops | |
|------------------|-------|------------------|-------|
| 5 Turns | .365" | 5 Turns | .555" |
| 4 Turns | .300" | 4 Turns | .490" |
| 3 Turns | .238" | 3 Turns | .340" |

Preformed Vehicle Detection Loop SawCut Style



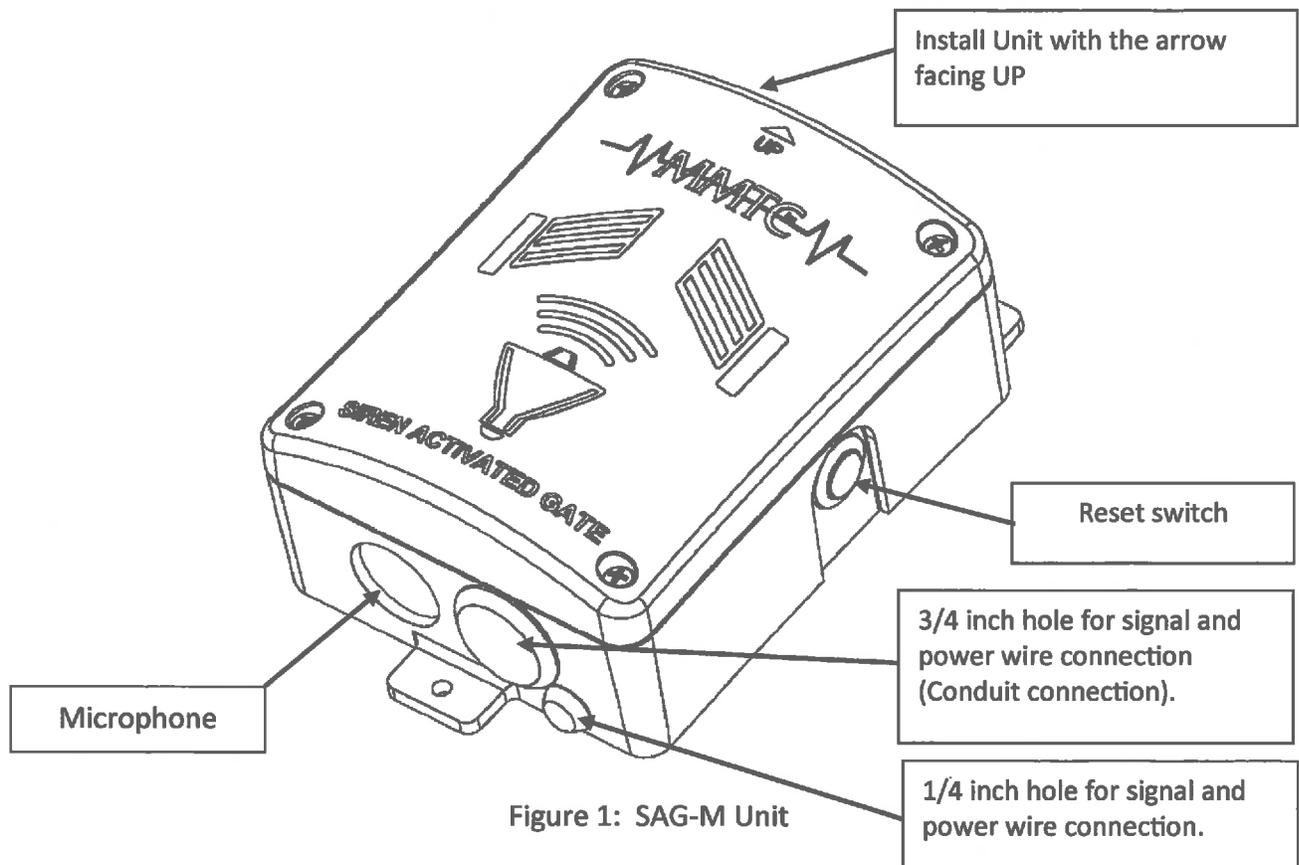
Twisted Lead-in



Siren Activated Gate (SAG-M) Installation and Testing Instructions

A. General notes on SAG-M Siren Installation

- 1) Always observe local installation and safety regulations when installing the SAG-M sensor.
- 2) Install sensor 2 to 4 ft. above the ground level at a location away from any noisy area where it could interfere with the sensor recognizing the siren during an emergency.
- 3) Install sensor away from any known water puddles to prevent any water splashes on the unit during rain.
- 4) Install sensor with logo of the front cover of the unit facing upright. Signal and Power wire connection will face the ground.
- 5) Ensure that there is no interference or obstacle of any kind between the sensor and approaching vehicle.
- 6) Install the SAG-M sensor onto the wall of the fence with the 3 screws provided with the unit.
- 7) Install the labels provided with the unit onto the gate or fence or anywhere appropriate. The labels should be clearly visible to the emergency vehicle personnel so that they know to turn ON the YELP signal for the gate to OPEN during an emergency.
- 8) SAG-M unit has two options of routing power and signal wires to the unit. Option 1 is to route the wires through a conduit. A 3/4" hole is located at the bottom of the unit to route wires through a conduit. Option 2 is to route the signal and power wires through the 1/4" hole located besides the conduit hole. Once the wires are routed, use silicone to plug the hole to prevent any water ingress.



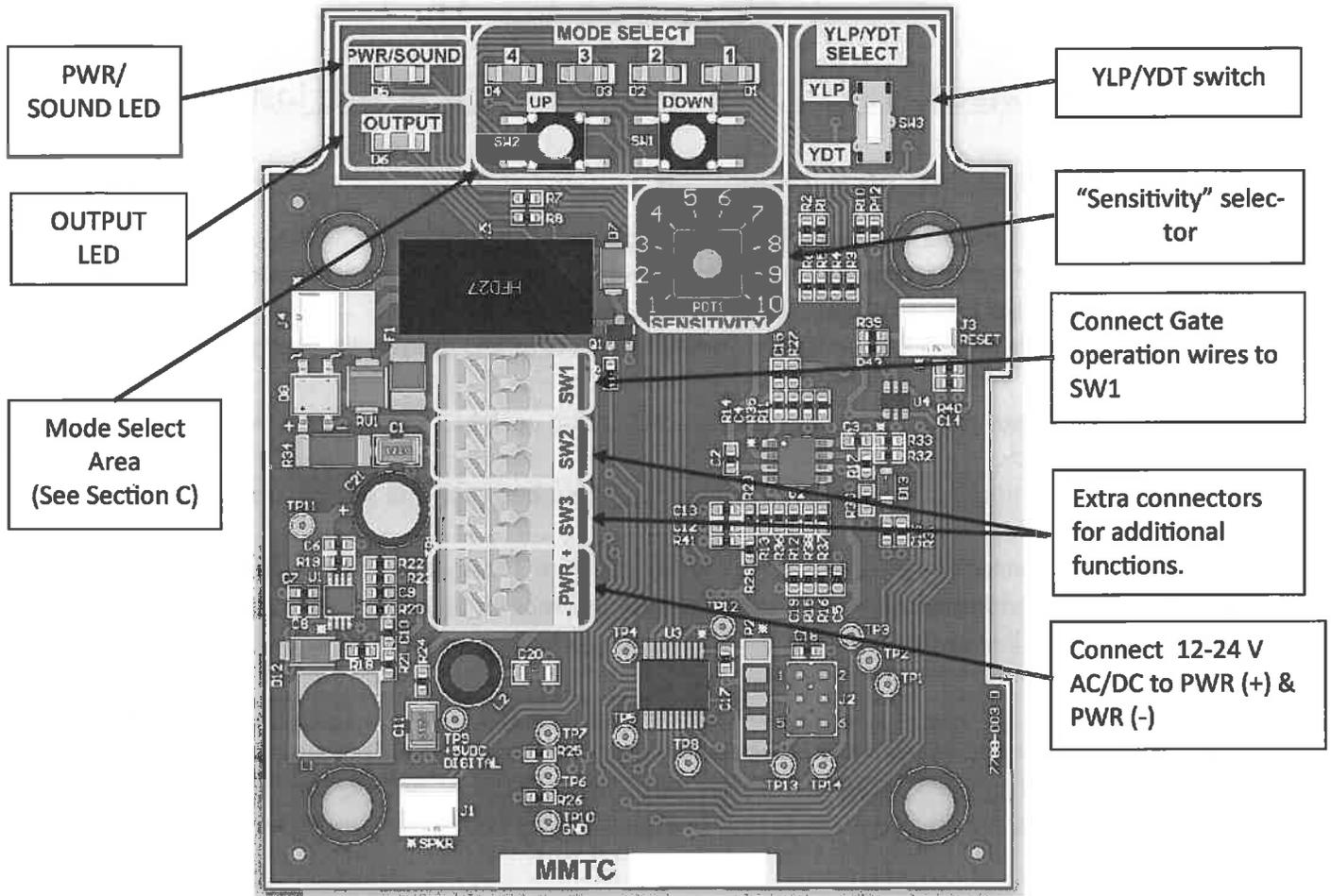


Figure 2: SAG-M Circuit Board

B. Power Installation, Setup and Operation

- 1) Open the front housing of the SAG-M enclosure.
- 2) Connect 12-24 V AC/DC power wires to connector at PWR (+) & PWR (-). Refer to Figure 2 for connector location.
- 3) Connect the Gate operator relay signal wire to the connector at SW1. Refer to Figure 2 for connector location.
- 4) Set "YLP/YDT" switch to the desired position.
 - If the "YLP/YDT" switch is in the "YLP" position, the unit will listen for a "yelp" siren and if detected will activate the gate.
 - If the "YLP/YDT" switch is in the "YDT" position, the unit will listen for any loud sound for more than 4 seconds and if detected will activate the gate.
- 5) When Power is applied, the "PWR/SOUND" LED will initially blink a few times immediately followed by blinks every 4 seconds. When this happens, the SAG-M unit is now in "Listen Mode".
- 6) Set the desired "Gate relay closure time period" by momentarily pressing the "UP" or "DOWN" buttons on the SAG-M circuit board. Refer to "Gate Relay closure time setup (Mode Select)" for more details.
- 7) Set the "Sensitivity Selector" to the desired position. Perform instructions in "Sensitivity Selector setting" before continuing

8) The SAG-M unit is now ready for operation.

When SAG-M unit detects the desired sound, the unit will close the output relay. The relay will stay ON per the pre-selected time period. The LED's 1,2,3 or 4 on the circuit board will remain lit until the selected time expires and the relay is opened.

Pressing the "RESET" button will reset (OPEN) the relay. The LED's displaying the programmed time period will turn OFF and the unit will return back to the "Listen Mode".

C. GATE RELAY CLOSURE TIME SETUP (Mode Select):

(Time period for gate to latch Open)

- 1) By momentarily pressing the "UP" or "DOWN" buttons on the circuit board, the user can select one of 14 different pre-programmed time-periods from 0.5 seconds to 2 hour. During this time-period, the gate relay will stay closed once the SAG-M unit detects the yelp siren. Each new pre-programmed time-periods are indicated by LED's 1,2,3,4 light pattern as shown in table 1 below. Table 1 shown below is also installed on the inner side of the front cover for user convenience. If the "UP" or "DOWN" buttons are not pressed within 5 seconds, the "lighted" LEDs will go off and the last setting displayed will be saved.

| LED 4 | LED 3 | LED 2 | LED 1 | Mode Select |
|-------|-------|-------|-------|---------------------------------------|
| ○ | ○ | ○ | ○ | Sleep/ Rest Mode |
| ○ | ○ | ○ | ● | MT – Momentary toggle. |
| ○ | ○ | ● | ○ | 5S – Gate OPEN for 5 seconds. |
| ○ | ○ | ● | ● | 15S – Gate OPEN for 15 seconds. |
| ○ | ● | ○ | ○ | 30S – Gate OPEN for 30 seconds. |
| ○ | ● | ○ | ● | 1M – Gate OPEN for 1 minute. |
| ○ | ● | ● | ○ | 2M – Gate OPEN for 2 minutes. |
| ○ | ● | ● | ● | 5M – Gate OPEN for 5 minutes. |
| ● | ○ | ○ | ○ | 10M – Gate OPEN for 10 minutes. |
| ● | ○ | ○ | ● | 15M – Gate OPEN for 15 minutes. |
| ● | ○ | ● | ○ | 30M – Gate OPEN for 30 minutes. |
| ● | ○ | ● | ● | 45M – Gate OPEN for 45 minutes. |
| ● | ● | ○ | ○ | 60M – Gate OPEN for 60 minutes. |
| ● | ● | ○ | ● | 90M – Gate OPEN for 90 minutes. |
| ● | ● | ● | ○ | 120M – Gate OPEN for 120 minutes. |
| ● | ● | ● | ● | LAT – Gate remains OPEN continuously. |

Table 1: LED pattern for Gate Relay Closure Time

D. Sensitivity Selector setting:

- 1) Sensitivity selector position 10 provides maximum range and position 1 provides minimum range.
- 2) To properly set the desired range/distance, it is recommended that the SAG-M unit be tested with a CD test and then with a live siren test. Follow the CD test before calling in the emergency responders.

CD Test

- 1) A CD recorded with a "yelp siren" is provided with the unit to conduct a quick functional test.
- 2) Set the YLP/YDT switch on the circuit board to the "YLP" mode.
- 3) Set the "Sensitivity" selector all the way to position 10 (maximum range setting).
- 4) Verify power is ON by observing the "PWR/SOUND" LED blink every 4 seconds.
- 5) Place the CD into a portable CD player and set it to its loudest setting. Turn the CD player ON. The yelp siren should be heard playing.
- 6) Hold the CD player close to the SAG-M unit.
- 7) The gate should OPEN once the yelp siren is heard. This concludes that the unit is functional and ready for the live siren test.

Live Siren Test

- 1) Verify if the YLP/YDT switch is set to the "YLP" mode.
- 2) Set the "Sensitivity" selector to position 1.
- 3) Request the Emergency Responder to park the vehicle at the desired distance. Request them to turn ON their yelp siren.
- 4) With the "yelp" siren ON, verify if the gate OPENS at the desired distance. If the gate does not OPEN, increment the "Sensitivity" selector setting to the next position.
- 5) Consider false activations. If the gate is close to a major road, "Sensitivity" should be lowered or false activations may occur.

Note: If an Emergency Responder is not available to conduct a live siren test, set the "Sensitivity Selector" to position 5.

Maintenance

It is recommended to check the system performance every 3 months with a Live Siren Test.