

The Original

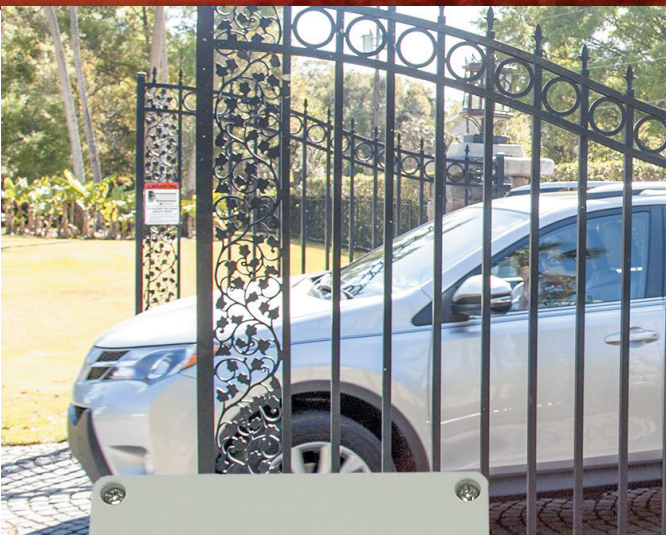


SOS®

Siren-Operated Sensor

Gate Trigger

Access Control and Emergency Access



Saving time. Saving lives.



SOS GATE TRIGGER

SIREN-OPERATED SENSOR

www.sosgate.com

SOLAR FRIENDLY

The SOS Gate Trigger allows residents and employees with an RFID tag to enter the gate without using a remote or entering a code. When the tag comes within range the gate will open. The range that the tag will open the gate is adjustable up to 500 feet.

Opening the gates with an RFID tag is an upgrade that many high-end gate owners are loving.

This system can be adopted to apartments and HOAs. With a 26-bit Wiegand output it can be integrated into an access control system. If there is not an access control system, a simplified control system can be added so tags can be easily added or deleted.

The SOS Gate Trigger also comes with the standard SOS unit allowing emergency vehicles access by sounding their "Yelp" sirens for 3 seconds.



PUBLIC SAFETY WITHOUT PUBLIC FUNDS

SOS Gate Trigger



Technical Requirements of the SOS Receiver

- Voltage:** Only 12 volt DC
- Amp draw:** 0.1 mA (milliamp) when listening and when activated has a 25 mA draw during the trigger
- Wire gauge:** 18-22 AWG (not included)
- 2 Cable Glands:** One for antenna wire, 2nd for operator and power wires
- Temperature:** The SOS remains functional in temperatures ranging from -30 to 120 degrees Fahrenheit.
- Weigand Output:** 26 bit



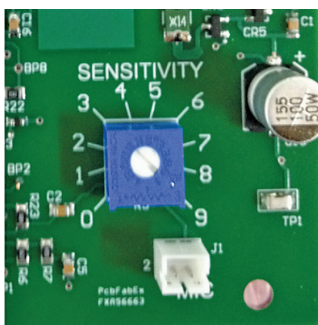
RFID Tag (SOS T8)

- Frequency:** 433.92 Mhz
- ERP:** <300 Micro Watts
- Adjustable read range:** 1'-600' – programing requires a tuning kit PL-2000
- Battery:** Long lasting Internal Lithium battery 2.3" X 1.5" X 0.5" in size
- Weighs:** 0.7 oz
- Made of:** UV Stabilized PVC



RFID Receiving Antenna (ANT-ROD):

- Frequency:** 433.92 Mhz
- Gain at connector:** 3.0 dBi
- VSWR:** < 1.6 : 1
- Impedance:** 50 Ohms
- Maximum Power:** 20W
- Connector:** BNC(M)
- Cable:** Supplied with a 6 foot coax cable



Potentiometer:

You can easily adjust the sensitivity of the unit with the potentiometer dial. The necessary decibel level varies by the unit's sensitivity setting:

- Sensitivity set at 0:** The unit will not trigger at any decibel level
- Sensitivity set at 3:** The unit will trigger at 125 decibels
- Sensitivity set at 5:** The unit will trigger at 105 decibels
- Sensitivity set at 7:** The unit will trigger at 95 decibels
- Sensitivity set at 9:** The unit will trigger at 80 decibels



Siren receiver:

Opens the gate within 3 seconds of detection of an "Emergency Yelp Siren"