

SOS Gate Trigger



Technical Requirements of the SOS Receiver

- Voltage:** DC 9 to 30 volts or AC 9 to 16 volts
- 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



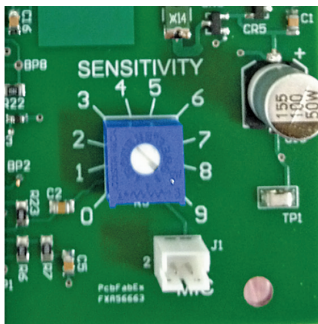
RFID Tag (SOS T8)

- 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"