

General:

- Temperature: -40°C ~ 80°C (-40°F ~ 175°F), 95% relative humidity
- Enclosure: White or black ABS* housed in a ceiling mounted bracket
- Size (with bracket):
 - 5" (127mm) wide
 - 6" (152.4mm) tall
 - 1 5/16" (33.7mm) thick
 - 0.5 lbs (227g)



*Custom colors available. Contact Tracer for more details.

Physical:

- Mounts on ceiling; looks like a smoke detector.
 - Indicators: Power and status indicators to provide basic visual feedback.
 - Connections: Power (+9V ~ +60V), Ground, Physical contact closure referenced to ground. (POE power accepted); pins 4, 5 = (+); pins 7,8 = (-).

Sensors:

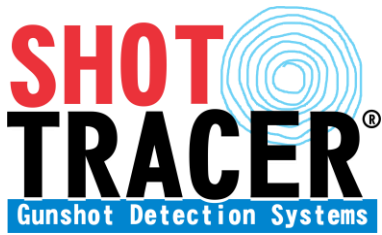
- Sensing: Patented acoustic and concussion sensor operating from the room's atmosphere used to accurately determine the presence of a gunshot and/or explosive event.

Display:

- Red LED indicating the module is in alert status.
 - Signal: This display will provide subtle indication when the unit is activated and when help is on the way by short LED flashes.

Alerting:

- Single gunshot detected and alerted by an open collector output to the building's existing alarm panel.
- Multiple gunshot detected and alerted by an open collector output to the building's existing alarm panel.
- Manual pull switch detected and alerted by an open collector output to the building's existing alarm panel.
- Alerts are sent to the building's alarm panel, which alerts the security system manager to the detected gunfire.



Technical Specifications for Eagle AP

- The user must either manually reset the device or cycle power to the device to cancel the alert.
- The LED will flash faster when in alert mode, indicating that the sensor has been activated. Unit can be configured to either emit a beeping tone when activated, or can be configured as a silent alarm.

Power:

- Input: +9V ~ +60V input from the alarm wiring external power.
- Battery: 500mA/hour long life LiPo battery. Battery recharged from the module's external power.

Operation Life: 4-hour operation without AC power applied (depending on radio broadcasts).

Contact Closure:

- Separate outputs for single gunshot, multiple gunshots, and manual pull-down switch.
 - Output is closed to ground when activated.

Tampering:

- Unit can be configured to provide a user specific load resistor to alert the alarm panel if a cable cut event happens or if tampering has occurred.
- Screw terminal to enable a user specific axial resistor.
 - Specified by the panel's detection circuit.
- Output provided for tamper detection when unit is removed from the mounting bracket.