



SDS Indoor PoE Gunshot Sensor

ADC-SDS2001
DATA SHEET

Key Features

- 99.9% accuracy in gunshot recognition
- Dual mode detection, infrared and acoustic profile of gunshot
- Power over Ethernet
- Detection for wide range of firearm calibers
- Wall or ceiling mountable



Overview

The Indoor PoE Gunshot Sensor is a dual mode gunshot detection sensor from Shooter Detection Systems. The sensor can detect shots from up to 40 feet away by recognizing the infrared ("flash") and acoustic ("bang") signature of a gunshot. The sensor is powered via and communicates primarily over ethernet with Alarm.com.

The Alarm.com Cell Connector is a required additional install that provides life-saving cellular back up in case of internet failures. The ADC-SDS2001 can be installed on accounts with or without a security panel, providing 24/7 monitoring of gunshots and integration with Alarm.com's suite of products, including Pro Series video cameras.

Specifications

Field of View and Coverage Range:

180 degrees, 2500 square feet,
40 foot range

Ethernet connection:

CAT5E or CAT6 with RJ45 connector

Temperature:

32°F to 113°C (0°C to 45°C)

Mounting height:

8-16 ft

Power:

Low Power Class 2 device, PoE (802.3af)

Dimensions (LxWxD):

4.6" x 4.6" x 1.5" (11.7 x 11.7 x 3.81 cm)

Weight:

<0.5 lbs (<0.25 kg)

Compliance:

FCC, RoHS

Included accessories

- Faceplate mounting screws

Additional Required Accessories

- SDS Gunshot Detection Handheld Tester (ADC-SDS1000)
- CAT6 or CAT5E ethernet cable with RJ45 connector
- Low voltage frame or dual gang plate/box
- Power-over-ethernet switch
- Alarm.com Cell Connector (ADC-NK-200T-A-CC)

What happens when a gunshot is detected?

1 Gunshot Detection

SDS gunshot sensors accurately Detect gunshots using acoustic and infrared technology



2 Signal Forwarding

(< 1 second)

Gunshot signals are automatically forwarded to Alarm.com's cloud-based security platform



3 Central Station Alerted

(< 5 seconds)

The Central Station is alerted within seconds. Visual Verification will help identify the threat



4 Local Alarm

Qolsys and 2GIG Panels will go into local alarm. Alarms & sirens prompt life safety response measures



5 SMS & Push Notifications

Building occupants will receive SMS and push notifications. They are linked to iOS critical notifications, so they are never off on iPhones.

