



FlySense™

PATENT PENDING

THE LEADING SOLUTION FOR REAL-TIME VAPING DETECTION

Introducing FlySense™, the real-time vaping and elevated sound incident detection solution that gives you control of areas where you cannot place a camera or microphone.

Our multi-sensor devices are capable of detecting vaping, smoke, and noise disturbances that may suggest violence such as bullying.

Soter Technologies

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Take control

The key to improving life safety and security in schools is through automated situational awareness. Principals and teachers must receive real-time information about a possible threat or situation, so they can initiate the appropriate response plan.

FlySense™ is a cutting-edge, turnkey solution for detecting vaping and bullying — particularly in school bathrooms and locker rooms. The solution is comprised of an array of multi-sensor devices connected to a cloud-based platform. Each sensor device is capable of detecting vaping, smoke, and noise disturbance that suggests school violence such as bullying or fighting. When a sensor detects decibel level anomalies that suggest violence or chemicals from vaping, it sends an immediate, location-specific notification to the computers or mobile devices of one or more designated school officials.

Be in the know. No more compromise.

FlySense™ provides environmental intelligence that allows a possible dangerous or harmful situation to be addressed in a timely and effective manner — thus averting potential disaster.

Through the FlySense™ Dashboard, accessible through a computer or phone with our mobile app, it is possible to obtain analytical reports to determine which locations and time of day experience the most activity to help schools align operations and react accordingly.

Benefits

Easy installation and set-up

Real-time vape, smoke, and elevated sound detection — that may indicate bullying or fighting — for areas including bathrooms, locker rooms, and labs

Successfully identify, analyze, manage incidents on school grounds with customizable, real-time SMS and email alert notifications

Increased situational awareness and deterrence of harmful and dangerous behavior.

Risk mitigation, reduction in the staffing burden for designated coverage areas, and increased efficiency through coordination of resources

Support state laws and compliances

Zero invasion of student privacy



COMPONENTS

FlySense™ Device
Patent Pending



Administrator Mobile App



Contact us for a quote:
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Features



Incident Detection

Smart sensor array detects vaping signatures and decibel level anomalies associated with bullying or fighting in real time, 24/7.



Alert Notifications

Zero-delay, location-specific alert notifications on vape and sound incidents sent by SMS or email to designated school officials.



Solution Management

Easy to use administrator web portal for schools teams to manage devices, customize subscriber schedules and view alerts.



Performance Optimization

30-day, categorized alert history allows devices to learn environments, reduce false positives, and optimize performance.



Insights & Analytics

Real-time sensor data and analytical reports help to determine which locations and time of day experience the most activity.



Power Options

Options to power devices via Power-over-Ethernet Plus (PoE+) or external input power with Wi-Fi capability.

Specifications

Physical Characteristics	
Dimensions	4.75" W x 6.56" L x 2.20" H
Weight	9.0 oz.
Housing Material	ABS Plastic

Connectivity	
Ethernet data connectivity via built-in RJ-45 connector and 802.3at interface	
802.11b/g/n Wi-Fi supporting 2.4 GHz frequency band	

Warranty	
1-year limited hardware warranty covers defects in workmanship and materials	
3-year and 5-year extended service options available at time of purchase	

Environment	
Operating Temp	55° to 95°F (12.8° to 35°C)
Sealing	IP50
Coverage Area	12' x 12' x 10'

Sensors		
Vape	Temp.	Motion
Sound	Humidity	

Event Indicators	
RGB LED Alert Indicator	

Input Power	
Built-in 802.3at compliant PoE+ (over Cat 5e or 6 cable)	
External power via 5V 2A AC-DC transformer with 5.5mm x 2.1mm DC connector	