

# TRITON PRO Smart Sensor

Trusted in 1000+  
Schools/Districts



End unwanted behaviors and gain peace of mind with instant alerts to vaping, smoking, and noise anomalies associated with violence and vandalism right to your phone or computer.



#### VAPING

Fast and accurate alerts for vaping and smoking nicotine, THC, and other substances, not tricked by aerosol cleaning sprays



#### AGGRESSION

Alerts for abnormal noise levels and decibel-thresholds alerts



#### TAMPER

Alarm and alert options for tampering, vandalism, device disconnect, and sensor cover detection; IK10 rated



#### KEYWORDS

Alerts whenever someone shouts "Help Me," "Stop It" and "Emergency" and seven other spoken keywords. Customized keywords available upon request.



#### CROWDING

Be alerted when areas become too crowded for instances of fighting, bullying, and loitering.



#### ALERT OPTION

SMS Text Message, Email, App Notification, 3rd Party Integration, Audible Alarm

# Device Information & Datasheet

## Detection

<b>Vaping</b>	Detection of vaped and burn nicotine, THC, and other substances. Does not differentiate the substances. Tested on Juul, Puff Bar, SMOK, Elf Bar, Cigarettes, Marijuana Pens, and more.
<b>False-Positive Rejection</b>	Rejects most aerosols with a similar profile to vape/smoking (see masking detection)
<b>Tamper Detection</b>	Device Vandalism: Alert and alarm for excessive shaking associated with tampering Device Disconnect: Alert when device is disconnected from its power/data source Masking and Sensor Cover: Alert and alarm for spraying aerosols to cover the smell of illicit substances or covering the sensor with a bag, tape, or other method. Alarm: Ultra-loud alarm to dissuade tampering
<b>Air Quality</b>	Monitoring (sensor data updated every 15 minutes) of Temperature, Humidity, Particulate Matter Index, and VOC Index and custom alerts thresholds for each.
<b>Spoken Keyword</b>	Default Keywords: 10 keywords that indicate illicit behavior or distress such as "help me" and "emergency" Custom Keywords: Program up to 10 unique keywords depending on your needs (supports multiple languages) Keywords sensing is designed to only detect when someone says a keyword with <i>intent</i> . It will not pick up keywords in regular conversation. Audio is never recorded, only analyzed.
<b>Noise Incidents</b>	Smart Incident detection: Automatically alerts you to a higher than normal noise level (associated with violence, vandalism, or aggression) Decibel thresholds: set a decibel threshold and receive alerts for any noise that exceeds it

## Software

<b>User Management</b>	Supports District Admin, School Admin, Regular Users, and Contacts (notification recipients without an account)
<b>Device Setup</b>	Register new devices through Device ID or by scanning its QR Code
<b>Security</b>	Fully encrypted data managed by Google Cloud. Only stores personal information that is necessary for user notification (phone number, email, etc.)
<b>Key Features</b>	Vaping Hot Spots: Visualize the times and locations with the most vaping incidents Sensitivity Toggle: Find the ideal sensitivity for your devices Operating Hours: Choose to turn off alerts after school hours, on the weekend, etc. Device Updates: Regular updates to add features, improve performance, and keep to date with security standards Integrations: Integrates with many 3rd party video management systems to give context to alerts through automatic camera recording Alert Options: Choose to receive notifications via SMS Text, App Notification, Email, 3rd Party Integration App Options: Manage devices through the online dashboard or the iOS and Android App
<b>VMS Integrations</b>	Triton devices integrate with the following VMS: Avigilon Alta (formerly Ava), Avigilon Unity, Axis, DW Spectrum, Ganz Control, Genetec, Hikvision, Milestone XProtect, Nx Witness, Surveil VMS, Verkada Command, Video Insight (i-Pro), Wizenet Wave (Hanwha). New integrations added regularly.

## Datasheet

<b>Operating Temperature</b>	32°F – 104°F (0°C – 40°C)
<b>Operating Humidity</b>	0 to 90% Relative Humidity (non-condensing)
<b>Power Supply</b>	PoE (IEEE 802.3af Class 3 Compliance) 9W 48V
<b>Dimensions</b>	Diameter: 5.24 in Height 1.81 in   Diameter: 13.3 cm Height 4.6 cm
<b>Mounting Options</b>	Ceiling Flush Mount   For ceiling tiles, use a toggle bolt and anchor. For sheetrock ceilings with no studs, use a hollow wall anchor and screw. For walls, secure to a stud and wrap Ethernet cord around.
<b>Certifications</b>	CE, FCC, IK10, RoHS, UKCA

