



Network

TRTN-VD001

Vape Detector & Smart Safety Sensor



The Triton Vape is designed to detect vape and other environmental anomalies with real-time cloud-based alerts. The Triton Vape is equipped with scalable integration options and boasts robust durability, backed by a 10-year warranty for long-term dependability.



VAPING

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



TAMPER

Alarm and alert options for tampering, vandalism, device disconnect, and sensor cover detection; IK8 rated.



AIR QUALITY

PMI, Humidity, Temperature, and VOC Index monitoring and alerts.



ALERT OPTION

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

Device Key Features

- Operating Temperature: 0°C~+40°C (32°F~+104°F) / 0~90% RH (Non-Condensing)
- Weight: 340g
- Color: White
- Material: PC (Polycarbonate)
- Dimensions: 5.24" x 1.81" (133.10mm x 46.0mm)
- Max Load: 15kg
- Certification: CE, FCC, IK8, RoHS, UKCA

Device Key Characteristics

- Vaping
- False-Positive Rejection
- Air Quality
- Tamper Detection
- VMS Integrations

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Specifications

GENERAL	
Operating Temperature / Humidity	32°F~+104°F (0°C~+40°C) / 0~90% RH (Non-Condensing)
Mounting Options	Surface Mount (recommended), Wall Mount via Stud, Pole Mount (optional). Conduit Adapter (optional).
Power Supply	POE (IEEE 802.3at Class 3 Compliance) 9w 48V
Certification	FCC, CE, RoHS, IK8, UKCA
NETWORK	
Ethernet	RJ-45 (10/100 Base-T)
COMMUNICATION I/O	
Triton Cloud	Cloud & App Software that extends the abilities of Triton hardware
Email	Sent via AWS API
SMS Text Message	Sent via Twilio API
Integrations	Vape Sensor integrates with many 3rd party VMS, communications, and safety systems. Most popular include: Hanwha WAVE, Milestone, Genetec, Raptor Technologies, i-Pro Video Insight, Axis D4100, Arcules, OpenEye, ExacqVision, DW Spectrum, Nx Witness, Ganz CORTROL, VAST 2, EPIC System, IC Realtime, and Avigilon. Contact Triton for integration requests and a full list of integrations.
Vaping	Detection of vaped and burn nicotine, THC, and other substances. Does not differentiate substances.
False-Positive Rejection	Rejects most aerosols with a similiar profile to vape / smoking (see masking detection).
Tamper Detection	Device Vandalism, Device Disconnect
Air Quality	Monitoring (sensor data updated every 15 minutes) of Temperature, Humidity, PMI and VOC.