



Network

TRTN-PR001

Vape Detector & Smart Safety Sensor



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

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), Aluminum
- Dimensions: 5.24" x 1.81" (133.10mm x 46.0mm)
- Max Load: 15kg
- Certification: CE, FCC, IK10, RoHS, UKCA

Device Key Characteristics

- Vaping
- False-Positive Rejection
- Noise Incidents
- Air Quality
- Spoken Word
- Tamper Detection
- VMS Integrations

TRITON



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; IK10 rated.



AGGRESSION

Alerts for abnormal noise levels and decibel-thresholds alerts.



CROWDING

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



KEYWORDS

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



ALERT OPTION

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

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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), Recessed Mount. Wall Mount via Stud, Pole Mount (optional), Conduit Adapter (optional).
Power Supply	POE (IEEE 802.3at Class 3 Compliance) input and output. Tether up to 4 devices together.
Certification	FCC, CE, RoHS, IK8, UKCA
NETWORK	
Ethernet In	RJ-45 (10/100 Base-T)
Ethernet Out	RJ-45 (10/100 Base-T) IEEE 802.3at Class Compliance (Up to 4 Tethered Devices)
Protocols	RTSP, IPV4 / V6, TCP / IP, HTTP, HTTPS, DHCP, Onvif
COMMUNICATION I/O	
Tritons PC Software	On-Premise management software to connect all Triton devices to a Single account and view and manage them individually
Triton Cloud	Cloud software that extends the abilities of Triton hardware
Email	Sent via SMTP server (On-Prem) or through Mandrill API (Cloud)
SMS Text Message	Sent via SMTP server (On-Prem) or through Twilio API (Cloud)
Speaker	Ultra-loud speaker with pre-configured sounds and the option for users to upload sounds. The speaker plays different sounds depending on what event is detected.
Relay	Supports relay input and output to interface with external hardware
Live Dashboard Stream	Live Dashboard Stream
Integrations	Pro integrates with many 3rd party VMS, communications, and safety systems. Most popular include: Hanwha WAVE VMS, Milestone, Genetec, Raptor Technologies, i-Proj Video Insight, Axis Camera Station, Axis 04100, 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.
Flase-Positive Rejection	Rejects most aerosols with a smiliar profile to vape / smoking (see maksing detection).
Tamper Detection	Device Vandalism, Device Disconnect & Sensor Masking.
Air Quality	Monitoring (sensor data updated every 15 minutes) of Temperature, Humidity, PMi and VOC.
Spoken Word	10 Pre-Programmed Default Keywords and Up-to 10 Custom Keywords.
Noise Incidents	Smart Incident detection: Automatically alerts you to a higher than normal noise level.