



Network

# TRTN-UA001

Vape Detector & Smart Safety Sensor



The Triton Ultra Sensor is a cutting-edge detection device designed for high-accuracy vape detection, capable of identifying THC, aggression, and environmental anomalies like scream and glass break. Featuring cloud integration, real-time alerts, and advanced security options, including people counting, loitering detection, and a 10-year warranty for long-term reliability.

## 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
- Crowd / Loitering Detection
- BLE 5.0 Radar Integration

## TRITON



### VAPE & THC DETECTION

Detects vaping, cigarette smoke, marijuana smoke, masking, and other illicit substances. Industry-leading response time and low false-alarm rate.



### KEYWORD & AGGRESSION

Get an alert whenever someone screams, "Help Me", "Emergency!" or any of 10 standard keywords. Aggression detection also alerts to elevated noise levels and screaming.



### PEOPLE COUNTING

Keep tabs on over-occupancy that can lead to safety issues such as vandalism, drug use, and violence. View data in real time and set crowding thresholds for each facility.



### LOITERING DETECTION

Know if students are cutting class or hiding in a bathroom by setting proactive alerts and programmable thresholds for loitering.



### GUNSHOT DETECTION

Safeguard private areas with ultra-accurate acoustic gunshot detection. Fast alerts allow increased situational awareness in an active shooter situation.



### ALERT LIGHT & SPEAKER

Take alerts to the next level with a light ring and alarm speaker. Play custom files and light color sequences in the event of vaping, tampering, keywords, aggression, and other alert types.

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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
Power Supply	POE (IEEE 802.3at Class 3 Compliance) input and output. Tether up to 4 devices together (optional). Conduit Adapter (optional).
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
Wireless	2.4 GHZ IEEE 802_11 b/g/n/ac Wire-less
Product Dimensions / Weight	<b>Dimensions:</b> 5.5" x 1.96" (140mm x 50mm) / <b>Weight:</b> 340g
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.
Alert Light	Users can map how the light reacts to different event types
Live Dashboard Stream	Live Dashboard Stream
Relay	Supports relay input and output to interface with external hardware
Integrations	UTLTRA integrates with many 3rd party VMS, communications, and safety systems. <b>Most popular include:</b> 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.