TRITON

Triton ULTRA

Multi-Function
Vape Detector & Smart Safety Sensor

Triton ULTRA is a multi-function **health, safety, and drug detection** device. ULTRA intelligently reports environmental data for complete context to what is going on in private areas. ULTRA uses no cameras, records no audio, and collects no personably identifiable information. This is why Triton Sensors are **trusted in hundreds of facilities** across the globe to safeguard bathrooms, common rooms, dormitories, and more.

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

KEYWORD AND 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 accoustic 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.

GLASS BREAK DETECTION

SCREAM + SHOUT DETECTION

TAMPER DETECTION
Including shaking, knocking, disconnect, and covering the sensor.

PoE DAISY CHAIN
Connect up to four devices in a single cable run to save time and materials.

EASILY INTEGRATED

TRITON Supports The Following:

Optional Cloud Software

Local Management Software

VMS Software With Alert Logging and Video Streams

Dry Contact Alarm Relays

HEALTH
HEALTH INDEX
AIR QUALITY INDEX
TVOC
CHEMICALS
CARBON MONOXIDE
CARBON DIOXIDE
PARTICULATES
NITROGEN DIOXIDE
TEMPERATURE
HUMIDITY

BEHAVIOR
KEYWORD
PEOPLE COUNT
LOITERING
AGGRESSION
SCREAM & SHOUT
GUNSHOT
GLASS BREAK
MOTION
TAMPER
SENSOR COVER
ALERT LIGHT
ALERT ALARM

DRUGS
VAPE
THC
CIGARETTE
MASKING

VAPING DETECTION
SAFETY KEYWORDS
PoE DAISY CHAIN
LOITERING DETECTION
HEALTH INDEX
PEOPLE COUNTING

General Specifications

Operating Temperature	32°F - 112°F (0°C - 44°C)
Operating Humidity	0 to 90% Relative Humidity (non-condensing)
Power Supply	PoE (IEEE 802.3at Class 3 Compliance) input and output. Tether up to 4 devices together.
Dimensions	5.5" x 1.96" (140 mm x 50mm)
Mounting Options	Surface Mount (recommended), Recessed Mount, Wall Mount via Stud, Pole Mount (optional), Conduit Adapter (optional)
Certifications	FCC, CE, RoHS, IK8, UKCA,

Network Specifications

Ethernet In	RJ-45 (10/100 Base-T)
Ethernet Out (tether up to 4 devices)	RJ-45 (10/100 Base-T) IEEE 802.3at Class Compliance
Protocols	RTSP, IPV4/V6, TCP/IP, HTTP, HTTPS, DHCP, Onvif
Wireless	2.4 GHZ IEEE 802.11 b/g/n/ac Wireless
Bluetooth & BLE	Bluetooth 5.0, BLE

Communication and I/O

Triton 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 to SMS (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, such as orange for vaping and red for tampering.
Live Video Stream	Supports two simultaneous RTSP streams. One of the device's dashboards and another of the people counting map.
Relay	Supports relay input and output to interface with external hardware
Integrations	ULTRA integrates with many 3rd party VMS, communications, and safety systems. Contact info@tritonsensors.com for integration requests and a full list. **Most popular integrations include:** Milestone, Genetec, Hanwha Wave, Raptor Technologies, i-Pro/ Video Insight, Axis Camera Station, Axis D4100, Arcules, OpenEye, ExacqVision, DW Spectrum, Nx Witness, Ganz CORTROL, VAST 2, EPIC System, IC Realtime, Inner Range, Avigilon/Ava, Verkada, Arcules.

The only smart sensor with

10 Keyword Alerts
Glass Break Detection
Scream & Shout Detection
Loitering Detection

Occupancy Visualization
4 Device Daisy Chain
24/7 Live Support Line
10 Year Warranty

Vape Alert — now
Vaping Detected in First Floor Men's Room

Keyword Alert — 1m ago
Keyword "HELP ME" detected in First Floor Women's Room

Crowding Alert — 3h ago
Crowding Detected in Third Floor Men's Room. CrowdCount: 14

NDAA COMPLIANT
TAA COMPLIANT
Onvif

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