# **IV TRITON**

# **Triton ULTRA**

Smart Sensor for Health, Safety, and Drug Detection

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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.



# LOITERING DETECTION

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



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.

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## **GUNSHOT DETECTION**

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



#### **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.



#### **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.

# TAMPER DETECTION



### **GLASS BREAK DETECTION**

Accoustic detection of glass breaks associated with vandalism and intruders.

# PoE DAISY CHAIN

Connect up to three devices in a single cable run to save time and materials.

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# **EASILY INTEGRATED**

TRITON Supports The Following:

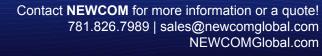
Local Management Software

**Optional Cloud Software** 

VMS Software With Alert Logging and Video Streams Dry Contact Alarm Relays









# **小TRITON**

		HEALTH	BEHAVIOR	DRUGS
		HEALTH INDEX	KEYWORD	VAPE
VAPING		AIR QUALITY INDEX	PEOPLE COUNT	THC
DETECTION	DETECTION	TVOC	LOITERING	
		CHEMICALS	AGGRESSION	CIGARETTE
SAFETY VITRITON	HEALTH	CARBON MONOXIDE	GUNSHOT	MASKING
KEYWORDS	INDEX 💙	CARBON DIOXIDE	GLASS BREAK	
		PARTICULATES	MOTION	
PoE			TAMPER	
_		NITROGEN DIOXIDE	SENSOR COVER	
		TEMPERATURE	ALERT LIGHT	
		HUMIDITY	ALERT ALARM	

#### **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,

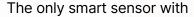
#### **Network Specifications**

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

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#### **Communication and I/O**

On-Premise management software to connect all Triton devices to a single account and view and manage them individually.
Cloud software that extends the abilities of Triton hardware
Sent via SMTP server (On-Prem) or through Mandrill API (Cloud)
Sent via SMTP to SMS (On-Prem) or through Twilio API (Cloud)
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.
Users can map how the light reacts to different event types, such as orange for vaping and red for tampering.
Supports two simultaneous RTSP streams. One of the device's dashboards and another of the people counting map.
Supports relay input and output to interface with external hardware



**10 Keyword Alerts Glass Break Detection Loitering Detection Occupancy Visualization 4 Device PoE Tethering 10 Year Standard Warranty** 







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Vape Alert Vaping Detected in First Floor Men's Room

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

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