

NX-VAPE

Alertex Vape / Particulate Sensor

The ALERTEX Vape Detector is designed to offer precise detection of vaping and smoking activities. Utilizing advanced AI technology for accurate reporting of vape, smoke and other pollutants whilst discarding potential false alarms caused by deodorants and other aerosols.

Alertex is perfect for both residential and commercial settings.



- **Vape, Smoke and pollutants:** Measurement down to 2.5 microns with Volatile Organic Compounds (VOC) and Nitrogen Oxide (NO) provides accurate monitoring of air quality.
- **Rapid Alerts:** Multiple users are notified quickly by way of texts or email. (Requires internet connection and a Twilio account)
- **Easy Installation:** Quick and easy to install with Bluetooth and web setup.
- **Choice of connectivity:** Use either Wi-Fi or ethernet.
- **Power requirements:** 12 volts DC or PoE.
- **High power audible output:** Configurable to lower volume or muted as preferred.
- **Local wireless alarm transmission:** May be used in conjunction with CCTV to mark event time enabling pre and post alarm viewing. (Requires additional equipment)
- **Self-maintaining:** Automatic periodic flushing cleans the sensor chamber and laser for maintenance free operation.
- **Anti tamper:** Notifies by text and email when the sensor is interfered with.
- **Motion detection:** Microwave sensor detects the presence of people to help verify the event.
- **Humidity and temperature sensing:** Data is stored for 24hours.
- **10-year superior lifetime:** Built with high-strength materials to ensure long-lasting durability and reliability.
- **British made:** Designed and manufactured entirely in the UK with a support team to assist with design and installation.

How it Works

Particulates or E-cig vapour activate
NX-VAPE sensor



Notifications via texts and emails

Technical Specifications / Audio output

Monitored	NO, PM, RH, T, VOC	NO: Nitrogen Oxide
Particulates Matter Sensing	2.5 to 10 microns	PM: Particulate Matter
Response time	Typically 10 seconds	RH: Relative Humidity
Wi-Fi	802.11n 2.4GHz up to 150Mbps	T: Temperature
Bluetooth	+9 dBm transmitting power	VOC: Volatile Organic compounds
Microwave	2.4Ghz 1mw	
UHF transceiver	434.525Mhz	
Audio output	5.8Khz with configurable db range	
Power consumption	150mA on PoE	
Alternative power supply	12 volts DC	
Operating temperature	-10C +50C	
Product life	10 years	

Dimensions

