

VAPE DETECTOR

MOST FREQUENTLY ASKED QUESTIONS

- 1 **What does a vape detector do?** Our vape detection devices are a real time vape detection solution that gives you control of areas where you cannot place a camera. Our multi-sensor devices are capable of detecting **vaping**. And noise disturbances that may suggest violence such as bullying.
- 2 **What is the typical coverage area for vaping?** In general, each FS275 will cover a 12' x 12' area.
- 3 **What are the factors that will impact vaping detection?** Bathroom layout, room ventilation, air flow, and location of the device are key factors. Detection is going to be degraded when vaping is done close to open windows or active ventilation such as exhaust fans. An HVAC system could impact the ability to properly detect vape. Also, if they are aware of the detector, some individuals may use counter-measures to avoid system detection - such as exhaling vape inside a jacket or coat.
- 4 **How is the FS275 powered if the school does not have a network switch that supports PoE+?** If input power is not injected into the cable by the on-premise network switch, you need to use a PoE+ injector. Alternatively, you may power the device with external power via AC-DC transformer.
- 5 **How many units are required per typical bathroom?** Our starter recommendation is two (2) FS275 devices per bathroom for vape detection. Our engineering team is available to perform an assessment to determine if more devices are required. This feedback will be based on the structure of the space, air flow, and room ventilation, as well as the results of live testing. In bathrooms with multiple sinks, multiple stalls, and perhaps multiple urinals, one of the devices should be located directly over the stalls, with the other typically located by the sinks.
- 6 **What type of data cables should be used?** The same data cables typically used for network hub or switch connectivity. That is, standard CAT5 (Category 5) or CAT6 unshielded twisted pair (UTP) cable.
- 7 **What communication ports or resources need to be available for the units to operate?** Network administrators should be aware that the units securely send data via the following ports that are assigned at time of install.
- 8 **What exactly happens when a vaping or elevated sound alert is triggered?** When a sensor detects sound decibel level anomalies or chemicals from vaping, it sends an immediate, location-specific notification to the devices of designated school officials. This means text messages to one or many folks at the same time.
- 9 **Does the FS275 incorporate a camera or microphone?** No, it does not. This allows the FS275 to be effectively deployed in problematic areas such as bathrooms and locker rooms, where privacy precludes the use of cameras and microphones.
- 10 **Why is there an annual software subscription fee after year one?** There is a real and ongoing operational cost associated with providing and maintaining the cloud-based infrastructure that enables real-time alert notifications as well as 24/7 access to the vape detector portal. The robust, cloud-based portal provides a modern, easy-to-read dashboard and the ability to: configure and manage devices; confirm and classify incidents; view Alert History; run reports; customize subscriber scheduling for alert notifications.