



Smart Sensor Detection powered by HALO Cloud

All-in-one vape detection and environmental safety monitoring for smart, discreet security.

Stay Ahead of Risks & Enhance Safety— Now with Cloud Capabilities

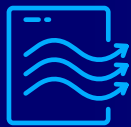
Smart Sensor detection is a multi-sensor that detects vape, smoke, THC, and sound abnormalities.

Additional sensors monitor air quality, temperature, humidity, and chemical levels as well providing other detection functions.

HALO detects environmental changes that occur in privacy concern areas and sends alerts to security personnel over the connected network.

HALO can detect vape and vape with THC, notifying designated personnel when substances are detected. It includes a built-in tamper detection feature that emits a sound alarm or silently alerts security personnel. These detectors can also measure your Air Quality Index (AQI).

Security can now monitor a range of areas they previously could not cover. Staff can receive alerts through the web or traditional alarm, access control or building management tools.



Air quality

- Volatile organic compounds
- Carbon monoxide
- Nitrogen dioxide



Alerting

- Email or SMS text alerts
- Alerts to video management and access
- Real-time notifications
- Upgraded sensor with people counting feature



Control

- Third-party emergency applications
- Low-voltage relay outputs
- Cloud mapping



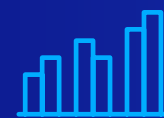
Chemical

- Ammonia
- Carbon oxides
- Carbon dioxide
- Nitrogen



Environmental

- Temperature
- Humidity
- Pressure
- Occupancy light sensitivity



Audio analytics

- Spoken keyword alerts
- Abnormal noise level detection
- Aggressive behaviors
- Occupancy
- Bullying alerts



Multiple sensors

12 unique detection sensors that work in conjunction to detect a multitude of substances with unlimited customization. It is the only vape detector that picks up THC oil.

Designed for airflow

Built with airflow in mind. The unit's design allows the sensors to pick up harmful chemicals faster.

Fewer false alarms

With multiple sensors and advanced analytics, settings are adjusted and maximized for the room environment, drastically reducing false alarms that singular sensors can trigger from body and disinfectant sprays.

Integrated device

Connects directly to your security monitor and video management system – no need for separate applications.

Federal and state grants

Your local Johnson Controls team will provide support for your grant and aid applications.

Elevate Reporting and Response Times with a HALO Cloud Subscription

With real-time notifications, HALO Cloud enables staff to quickly respond to vaping, environmental and safety events.

Plus, a range of analytics and reporting capabilities along with aggregate data not only helps allocate resources effectively but also helps manage multiple devices – all for a low monthly fee.

Real-time notifications

HALO Cloud enables administrators to set up customized alerts via email and mobile app push notifications. Configuration options include event type(s), device list, recipient list and day-time notification windows.

Analytics

In addition to heat maps and event trend graphs, HALO Cloud analytics provides users the ability to overlay events and data from multiple sensors on a single graph, offering greater insight into safety, security and air quality trends.

Logging and reports

Download up to 3 months of sensor and event data to satisfy reporting requirements to the board of education, local health department, OSHA or any requesting authority.

Live view map

Enables users to view events detected by HALO devices on easy-to-use interactive maps providing faster resource allocation and response times.

System health status

Provides system administrators with a snapshot of device connection status minimizing downtime and lowering risk.

Maintenance and support

HALO Cloud provides the HALO Cloud Support Team with visibility into device status and the ability to remotely update device configuration and firmware version.

Secure

HALO Cloud utilizes AWS Certified and accredited computing environments and applications. Third-party penetration tests are performed annually.

About Johnson Controls:

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers and manufacturing. With a global team of 105,000 experts in more than 150 countries and over 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®.

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