



HALO Smart Sensor

our all-in-one health, safety and vape device.

HALO is a key component in the solution to providing a low-risk environment by monitoring Carbon Dioxide (CO2), Particulate Concentrations, Humidity, Volatile Organic Compounds (VOC), and Nitrogen Dioxide (NO2) in the air. **HALO** delivers safe, healthy, and comfortable environments that keeps all personnel safe while, at the same time, saving money by efficiently running the HVAC system.

HALO Smart Sensor is Multi-Patented and Design is Trademarked



VAPE AND MARIJUANA (THC) DETECTION

The vape epidemic has been skyrocketing among students in recent years. HALO can identify vaping in privacy areas such as bathrooms, locker rooms, dorm rooms, and faculty rooms.



AGGRESSION DETECTION

Students and staff can call for help using specific keywords. Get notified of fights or bullying in bathrooms, locker rooms, and dorm rooms.



AIR QUALITY MONITORING

With poor air quality, a student's learning environment is compromised, leading to inattentiveness and lost productivity. Automate and ensure proper ventilation in each room with BACnet integration.



PREVENT SPREAD OF DISEASE

Some infectious diseases are often spread through the air with high CO2 levels. Ensure rooms have been cleaned and that air is properly filtered.



GUNSHOT DETECTION

School shootings are happening more often than you think. By placing HALO throughout your school, you can identify gunshots and the location with two-factor authentication. 3rd party certified.



CHEMICAL AND GAS DETECTION

Catch chemical spills and hazardous gases in science labs, mechanical or utility rooms, custodial closets, and maintenance areas.



MOTION DETECTION

Receive trespassing alerts when movement is detected in unauthorized areas and after hours.



CUSTOM SENSOR OPTIONS

Need customized calibrated industrial sensors? HALO 3C has options for Ozone, Sulfur Dioxide, Hydrogen Sulfide, Nitrogen Dioxide, and more!

Key Features

1. Add-on option only available to HALO Cloud customers 2. Available in the HALO 3C-PC model only

HEALTH



Health Index



Air Quality Index



Carbon Monoxide



Carbon Dioxide



Nitrogen Dioxide



Relative Humidity



Temperature



TVOC



Particulates



Chemicals

SAFETY



Help
(Spoken Keyword)



Emergency Alert
Lighting



Panic Button¹



Occupancy
(People Counter)²



Gunshot



Aggression



Motion



Tamper

VAPE



THC



Vape



Vape Masking



Smoking



HALO Cloud enables staff to respond rapidly to vaping, environmental and safety events via real-time site-specific notifications. Allocate resources effectively with a range of analytics and reporting capabilities, aggregate data, and manage multiple devices across multiple sites.

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.

SITE-SPECIFIC ACCESS

HALO Cloud enables administrators and site managers to configure user access to HALO Cloud and the HALO App (including notifications) at a site (i.e. location) level.

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.

ANALYTICS

HALO Cloud Analytics enables users to define custom Event Heat Maps, Event Trend Graphs and Sensor/ Event Data Graphs offering insight into safety and air quality/ indoor environmental trends.

DASHBOARD

The HALO Cloud Dashboard provides an at-a-glance view of the most recent events, current sensor levels, event hot spots, air quality levels, and system health status as well as two analytics tools: Heat Maps and Event Trend Graphs.

LOGGING AND REPORTS

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

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

Utilization of AWS Certified and accredited computing environments and applications. Third-party penetration tests performed annually.

SYSTEM HEALTH STATUS

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



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