



## 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



### DISEASE PREVENTION

Ensure your residents and staff are safe from airborne diseases, prevent the spread of infectious disease, ensure rooms have been cleaned, and the air is properly filtered.



### VAPE AND MARIJUANA (THC) DETECTION

Identify vaping and THC usage in privacy areas such as patient rooms, bathrooms, break rooms, and common areas.



### PANIC BUTTON<sup>1</sup>

Users can trigger alerts via an external 3rd party panic button or via the HALO cloud app. The location of the trigger is associated to the HALO device in closest proximity.



### MOTION DETECTION

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



### AIR QUALITY MONITORING

See the average of the quality of the air you are breathing over the course of a few hours. Automate and ensure proper ventilation in each room with BACnet integration.



### CHEMICAL AND GAS DETECTION

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



### AGGRESSION DETECTION

Protect your staff and customers. With HALO you are able to detect fights and loud noises in usually quiet areas.



### 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 Button<sup>1</sup>



Occupancy (People Counter)<sup>2</sup>



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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