HALO SMART SENSOR

INTRODUCING THE NEW

HALO Smart Sensor 3C

our multi-functional health, safety & vape detection device.

HALO Smart Sensor 3C is at the forefront of solving ever-evolving safety and security concerns as the industry leader in **monitoring facility privacy areas**. HALO 3C **protects the privacy of individuals** as it **does not use cameras, record audio, or capture any personally identifiable information** (PII), making it the perfect solution for privacy areas such as restrooms and common areas.

New security and environmental monitoring features provide users with even greater levels of security and easier installation. These features add to HALO's existing features of gunshot detection, noise alerts, and emergency keyword alerting.

HALO Smart Sensor is Multi-Patented and Design is Trademarked

EMERGENCY ESCAPE & ALERT LIGHTING
HALO 3C comes with a literal HALO of LED colored lighting options that can be programmed to show escape routes for safety such as a red, yellow, and green pattern. Create unique colors for different alerts such as purple for Air Quality alerts or blue for Health alerts. The lights themselves are projected onto the ceiling around the HALO for extended visibility.

MOTION DETECTION
Identify and alert on movement for occupancy and trespassing.

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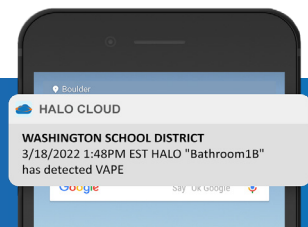Need customized calibrated industrial sensors? HALO 3C has options for Ozone, Sulfur Dioxide, Hydrogen Sulfide, Nitrogen Dioxide, and more!

PANIC BUTTON
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.

OCCUPANCY AND PEOPLE COUNTING
Identify how many people are within the HALO location and configure to alert on abnormalities.
*Only available on HALO 3C-PC

Easier Installation with 3C with **Surface Mount Installation and Power TWO Units Using One Cable Run***

ENHANCED HALO CLOUD AND NEW MOBILE DEVICE APP
Allows users to receive push notifications of any HALO alert, trigger a panic button, and provide the indoor air quality information of the actual room being occupied.

HALO CLOUD
WASHINGTON SCHOOL DISTRICT
3/18/2022 1:48PM EST HALO "Bathroom1B" has detected VAPE

Key Features

HEALTH

- Health Index
- Air Quality Index
- Carbon Monoxide
- Carbon Dioxide
- Nitrogen Dioxide
- Relative Humidity
- Temperature
- TVOC
- Particulates
- Chemicals

SAFETY

- Help (Spoken Keyword)
- Panic Button
- Aggression
- Gunshot
- Motion
- Occupancy (People Counter)
- Emergency Escape & Alert Lighting
- Tamper

*Only available on HALO 3C-PC

VAPE

- THC
- Vape
- Vape Masking

"HALO, how healthy is this room?"

Download the HALO Cloud App to receive push notifications!

Connect to HALO Cloud to manage multiple devices, receive real-time Health Index and AQI alerts and reporting, see alerts and historical data to document your buildings health status and trouble areas.

HEALTH INDEX — 5 HAZARDOUS

AIR QUALITY INDEX — 1 GOOD

HALO 3C - General Specifications

Operating Temperature	32°F - 122°F (0°C - 50°C)
Operating Humidity	0 to 90% Relative Humidity (non-condensing)
Power Supply	Single HALO 3C, PoE (IEEE 802.3af Class 3 Compliance) 11W. HALO 3C with additional tethered HALO 3C, PoE (IEEE 802.3at Class 3 Compliance) 22W*
Dimensions	5.5" x 2.0" (140mm x 51mm)
Weight	0.8 lbs (0.365 kgs)
Mounting Options	Surface Mount, Pole Mount (optional), Conduit Adapter (optional)
Vandal	IK8 rated, vandal proof housing with Tamper Alert
Certifications	UL, CUL, CE, RoHS, FCC, WEEE, NRCS, ACMA, RCA, UKCA, VCCI

VMS Integrations: Milestone, Genetec, Avigilon, ExacQ Vision, Rhombus Systems, Arcules, Vivotek, Pelco, Ganz Cortrol, Nx Witness, Qognify, DW Spectrum IPVMS, Mirasys, Video Insight, EoCortex, Wisenet Wave VMS, Axxonsoft, Digifort, and many others!

Other 3rd Party Integrations: Reflow+ Metasys and OpenBlue, The Boring Lab, Presence Management, IDentifyED, Vigilance Software, Punch Alert, DIR-S, Extreme Network Defender, Aruba HPE, Connect One, AMT, Gallagher, NuLEDs, Singlewire Informacast and many others!

Supported Languages: English, Foreign Languages Supported

Emergency Keywords: HALO supports multiple keywords

LASER 1

Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

HALO 3C - Network Specifications

Ethernet In	RJ-45 (10/100 Base-T)
Ethernet Out	RJ-45 (10/100 Base-T) IEEE 802.3af Class Compliance
Protocols	BACnet, RTSP, TCP/IP, IPV4/V6, HTTP, HTTPS, DHCP, ARP, Bonjour
Wireless	2.4 GHZ IEEE 802.11 b/g/n/ac Wireless
Bluetooth	Bluetooth 5.0, BLE

HALO 3C - Interface Specifications   *Image display of sensor readings only.

Live Display Resolution*	1024 x 768, IFPS, Live MJPEG or H264, 8 Users maximum
Audio	MEMS Microphones (2) [Audio Analysis Only] No Recording of Live Stream
Alarm Triggers	Air Quality Index (AQI), Health Index, Vape, Vape THC, Aggression, Gunshot, Spoken Keyword, Tamper, Particulates, Carbon Dioxide Calibrated, Total Volatile Organic Compounds, Carbon Monoxide, Temperature/Humidity, Light Level, Sound Levels, Building Health, Motion Detection, Occupancy (People Counter), Panic Button
Relay Output	1, Normally Closed, 48VDC at 1 amp
Input	1, Isolated, 12 VDC / 24 VAC
RS-485	1, Integrates wired industrial sensors
External Device Power Output	5VDC out at 300mA
Status Light	Alarm Condition, Multi-Color, Programmable
Speaker	Alarm Condition, Pre-Recorded Files, Programmable WAV Files

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