

# Halo 3C Smart Sensor

The HALO 3C Smart Sensor, built by IPVideo Corporation, is a real-time vape detector and security device. The HALO3C smart sensor can help with Vape and THC Detection, Air Quality Monitoring, and more. Utilizing the latest in smart technology, HALO3C has been designed with privacy in mind, as it adds a layer of security in places that are not covered by video security. This enables security operators and administrators to monitor areas where cameras are not allowed, such as bathrooms and private hotel rooms, helping to create a safer and cleaner environment. Integrating HALO3C with Avigilon Unity Video, Motorola Solutions' AI-powered Video Management Software (VMS), users will be able to receive an alarm in Focus of Attention once one of HALO's sensors is triggered.



## Features



### All-in-One, Intelligent Device

A single HALO sensor can help with Vape and THC Detection, Air Quality Monitoring, Aggression Detection and Calls for Help, Gunshot Detection, Spread of Infectious Diseases Prevention, Chemical and Gas Detection, Vandalism and Trespassing Alerts, and Occupancy and People Counting<sup>1</sup>.



### Real-Time Alerts

Receive real-time alerts when the sensor detects an anomaly. Once alerted, operators and administrators can immediately respond to the incident, identify an individual, and take action accordingly.



### Integration & Analytics

Integrates into a broader security infrastructure and provides data analytics to monitor violation alarm rates.



### Cost-Savings

Prevent damage and associated cleaning costs that are caused by smoke particles and poor air quality.



### Easy to Install

Two HALO3C devices can be daisy-chained together, enabling networking and power transfer over a single Ethernet cable. This reduces the overall amount of cabling required and enhances efficiency.



### Aesthetically Pleasing

With its small footprint, the HALO device is a non-intrusive security device that does not take away from a room's ambiance. A single HALO device can provide coverage for a 144sqft (13.4 sqm) room.

<sup>1</sup>Only available on HALO 3C-PC.



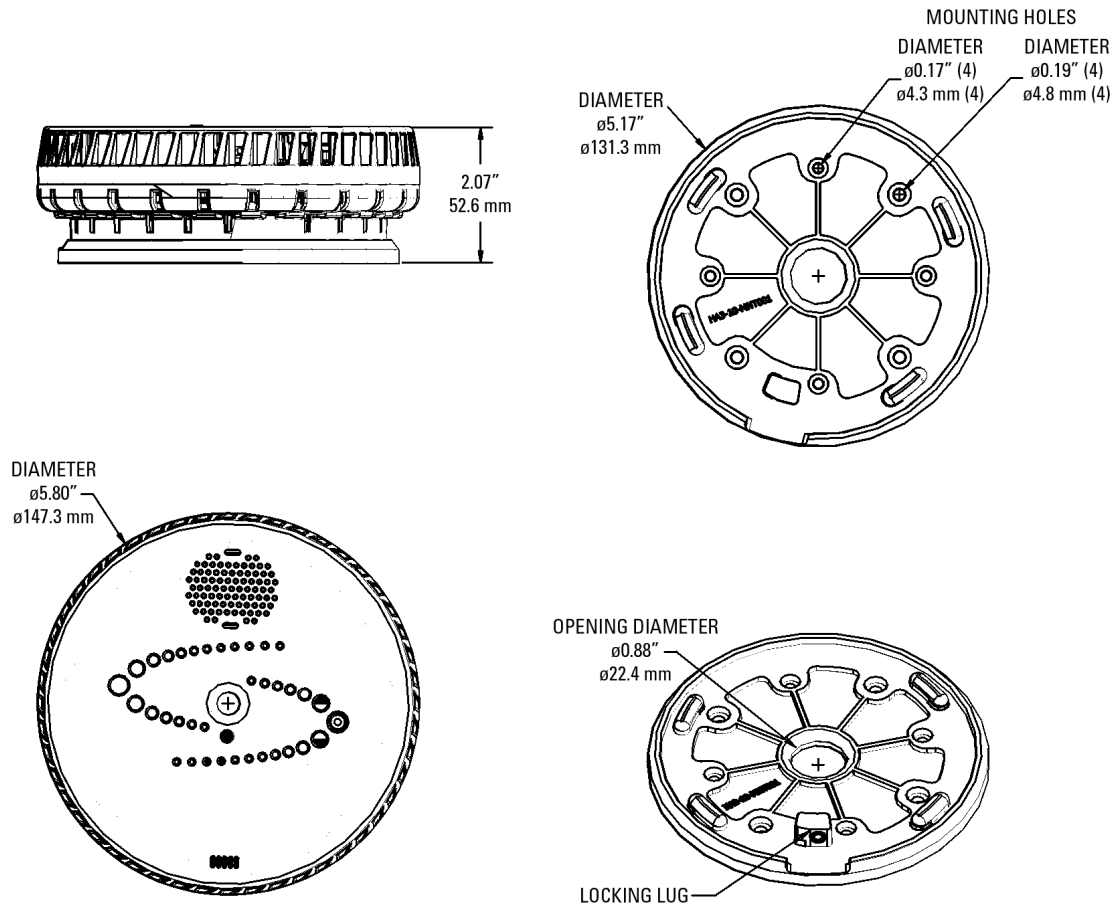
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# Specifications

Mechanical	
Dimensions	140mm x 51mm; 5.5" x 2"
Weight	0.365 kgs; 0.8 lbs
Environmental	
Operating Temperature	Min: 0C (32F), Max: 50C (122F)
Relative Humidity	0 to 90% (non-condensing)
Electrical	
Power	PoE (IEEE 802.3af Class 3 Compliance) 11W
Relays/Outputs	1, Normally Closed, 48VDC at 1 amp
Image <sup>1</sup>	
Live Image Resolution	1024 x 768
Frame Rate	1 FPS
Video Compression	MJPEG or H.264
<sup>1</sup> Image display of sensor readings only	
Components	
Audio	MEMS Microphones (2) [Audio Analysis Only] No Recording of Live Stream
Speaker	Alarm Condition, Pre-Recorded Files, Programmable WAV Files
Status Light	Alarm Condition, Multi-Color, Programmable
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) <sup>2</sup> , Panic Button
<sup>2</sup> Only available on HALO 3C-PC.	
Network	
Ethernet	10/100BASE-T, RJ45 Connector, CAT5e Cabling
Protocols	BACnet, RTSP, TCP/IP, UDP, IPV4/V6, HTTP, HTTPS, DHCP, ARP, Bonjour, Wireless Connectivity
Maximum User Connections	Live MJPEG or H.264 Stream, 8 Users
Peripherals	
USB Port	USB 2.0
Ethernet Port	Ethernet (RJ45) for Tablet
Certifications	
Certifications/Directives	UL, CUL, CE, RoHS, FCC, WEEE, NRCS, ACMA, RCA, UKCA, VCCI
Tamper Detection	IK8 rated, vandal-proof housing with Tamper Alert
Warranty	5 years

# Outline Dimensions



## Ordering Information

Description	
HALO-V3.00C	HALO IoT Smart Sensor 3C
HALO-V3.00C-PC	HALO IoT Smart Sensor 3C PC with Occupancy and People Counting
HALO-V3.00C-BACKBOX	Back box for the HALO 3C or HALO 3C-PC. Required anytime there is a wire mold or conduit connection to the HALO.
HALO-PANIC-BUTTON	Panic button for the HALO 3C or HALO 3C-PC, functional only with HALO Cloud
HALO-CLOUD-1YR	1-year subscription to HALO Cloud. End user information is required.
HALO-CLOUD-3YR	3-year subscription to HALO Cloud. End user information is required.
HALO-CLOUD-5YR	5-year subscription to HALO Cloud. End user information is required.
HALO-CLOUD-10YR	10-year subscription to HALO Cloud. Includes a 10-year warranty extension for the HALO device. End user information is required.
HALO-V3.00C-DEMO	For demonstration purposes only. Includes HALO 3C, display stand, PoE injector, and travel case. It is highly recommended to add the HALO-CLOUD-FIRST-1YR to the order to get the initial year HALO Cloud license and demo premium functionalities. End user information is required.

## Support

Learn more and find additional documentation at [avigilon.com](https://www.avigilon.com) or email [sales@avigilon.com](mailto:sales@avigilon.com) for specific product support.



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