

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 Counting¹.



Integration & Analytics

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



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.



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.



Cost-Savings

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



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.

¹Only available on HALO 3C-PC.

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 ¹	
Live Image Resolution	1024 x 768
Frame Rate	1 FPS
Video Compression	MJPEG or H.264

¹ 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) ² , Panic Button

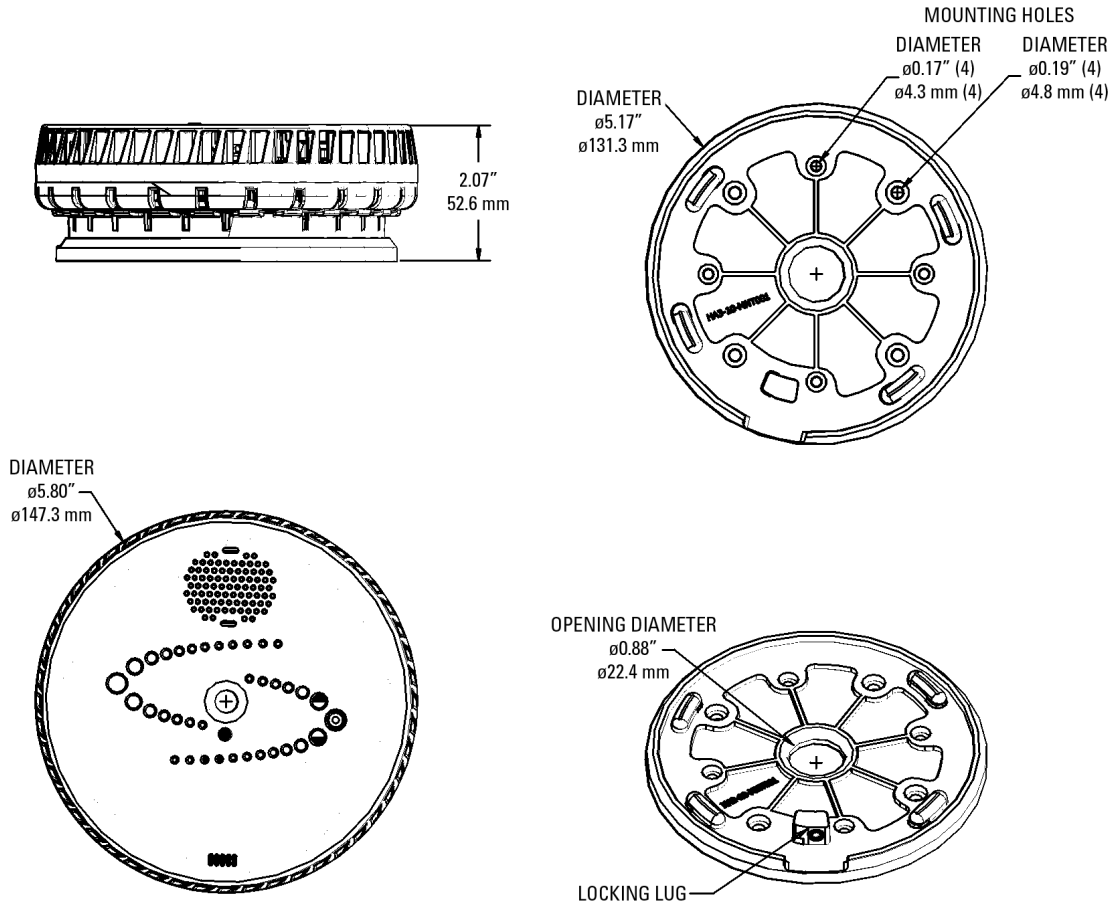
²Only available on HALO 3C-PC.

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-V2	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-3C-DISPLAY NP	For demonstration purposes only. Includes HALO 3C, display stand, and travel case. The following parts are not included with the kit, but highly recommended: Panic button, PoE injector and HALO Cloud demo license.

Support

Learn more and find additional documentation at avigilon.com or email sales@avigilon.com for specific product support.



Nov 2024 | rev12

© 2021 - 2024, Motorola Solutions, Inc. All rights reserved. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. AVIGILON, the AVIGILON logo, AVIGILON CONTROL CENTER, ACC, HDSM SmartCodec and LIGHTCATCHER are trademarks of Avigilon Corporation. The absence of the symbols ™ and ® in proximity to each trademark in this document or at all is not a disclaimer of ownership of the related trademark. All other trademarks are the property of their respective owners.

sales@avigilon.com | [avigilon.com](https://www.avigilon.com)