

HALO IOT SMART SENSOR 2C

The HALO IOT Smart Sensor (HALO), built by IPVideo Corporation, is a real-time vape detector and security device. The HALO smart sensor can help with Vape and THC Detection, Air Quality Monitoring, and more. Utilizing the latest in smart technology, HALO 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 HALO with Avigilon Control Center (ACC), Motorola Solutions' AI-powered Video Management Software (VMS), users will be able to receive an alarm in Focus of Attention once HALO senses a threat. At that point, Radio Alert will be able to notify security personnel or administrators through a text message, a voice-to-text alert, or both, when an alarm is triggered, enabling them to quickly respond and apprehend the situation.



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.



INTEGRATION & ANALYTICS

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



EASY TO INSTALL

Lightweight, with two mounting options and a small frame make setup and installation a breeze.



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 12x12 room.

SPECIFICATIONS

| MECHANICAL | | |
|------------|---------------------|-----------------------------|
| Dimensions | Sensor | 119mm x 62mm; 4.7" x 2.44" |
| | With Mounting Plate | 146mm x 78mm; 5.75" x 3.08" |
| Weight | | 0.365 kgs; 0.8 lbs |

| ENVIRONMENTAL | |
|-----------------------|--------------------------------|
| Operating Temperature | Min: 0C (32F), Max: 50C (122F) |
| Storage Temperature | |
| Relative Humidity | 0 to 90% (non-condensing) |

| ELECTRICAL | |
|----------------|--|
| Power | PoE (IEEE 802.3af Class 3 Compliance) 9W |
| Relays/Outputs | 2, Normally Open or Closed, 48VDC at 1 amp |

| IMAGE ¹ | |
|-----------------------|------------|
| Live Image Resolution | 1024 x 768 |
| Frame Rate | 1 FPS |
| Video Compression | MJPEG |

¹ Image display of sensor readings onl

| COMPONENTS | |
|----------------|--|
| Audio | MEMS Microphones (2) [Audio Analysis Only] No Recording of Live Stream |
| Speaker | Alarm Condition, Pre-Recorded Files, Programmable |
| Status Light | Alarm Condition, Multi-Color, Programmable |
| Alarm Triggers | Vape, Vape THC, Aggression, Air Quality Index (AQI), Gunshot, Spoken Key Word, Tamper, Particulates, Carbon Dioxide Equivalents, Total Volatile Organic Compounds, Carbon Monoxide, Ammonia, Temperature/Humidity, Light Level, Sound Levels |

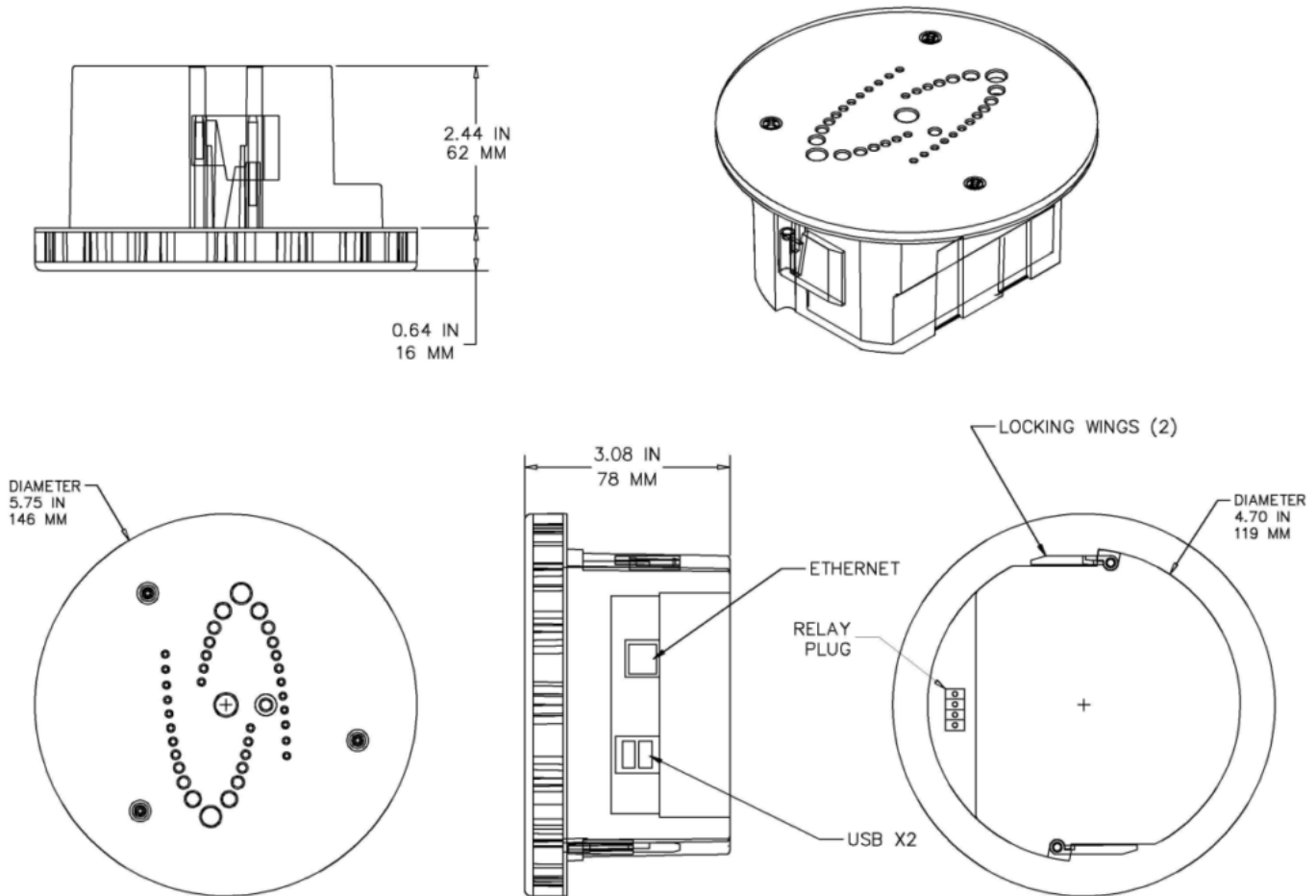
| NETWORK | |
|--------------------------|--|
| Ethernet | 10/100BASE-T, RJ45 Connector, CAT5e Cabling |
| Protocols | BACnet, RTSP, TCP/IP, UDP, IPV4/V6, HTTP, HTTPS, DHCP, ARP, Bonjour, Wireless Connectivity |
| Maximum User Connections | Live MJPEG Stream, 8 Users |

| PERIPHERALS | |
|---------------|----------------------------|
| USB Port | USB 2.0 |
| Ethernet Port | Ethernet (RJ45) for Tablet |

| CERTIFICATIONS | |
|---------------------------|--|
| Certifications/Directives | UL, CUL, CE, RoHS, FCC, WEEE, California IoT Security 1798.91.04 |
| Tamper Detection | IK10 rated, vandal-proof housing with Tamper Alert |
| Warranty | 2 years |

OUTLINE DIMENSIONS

| | |
|-------|--------|
| [X.X] | INCHES |
| X | MM |



ORDERING INFORMATION

| DESCRIPTION | |
|--------------|----------------------------|
| HALO-V2.00C | HALO IoT Smart Sensor 2C |
| HALO-SMADAPT | Halo Surface Mount Adapter |

SUPPORT

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



Jun 2022 | rev2

© 2022, 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)