HALO IOT SMART SENSOR

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.
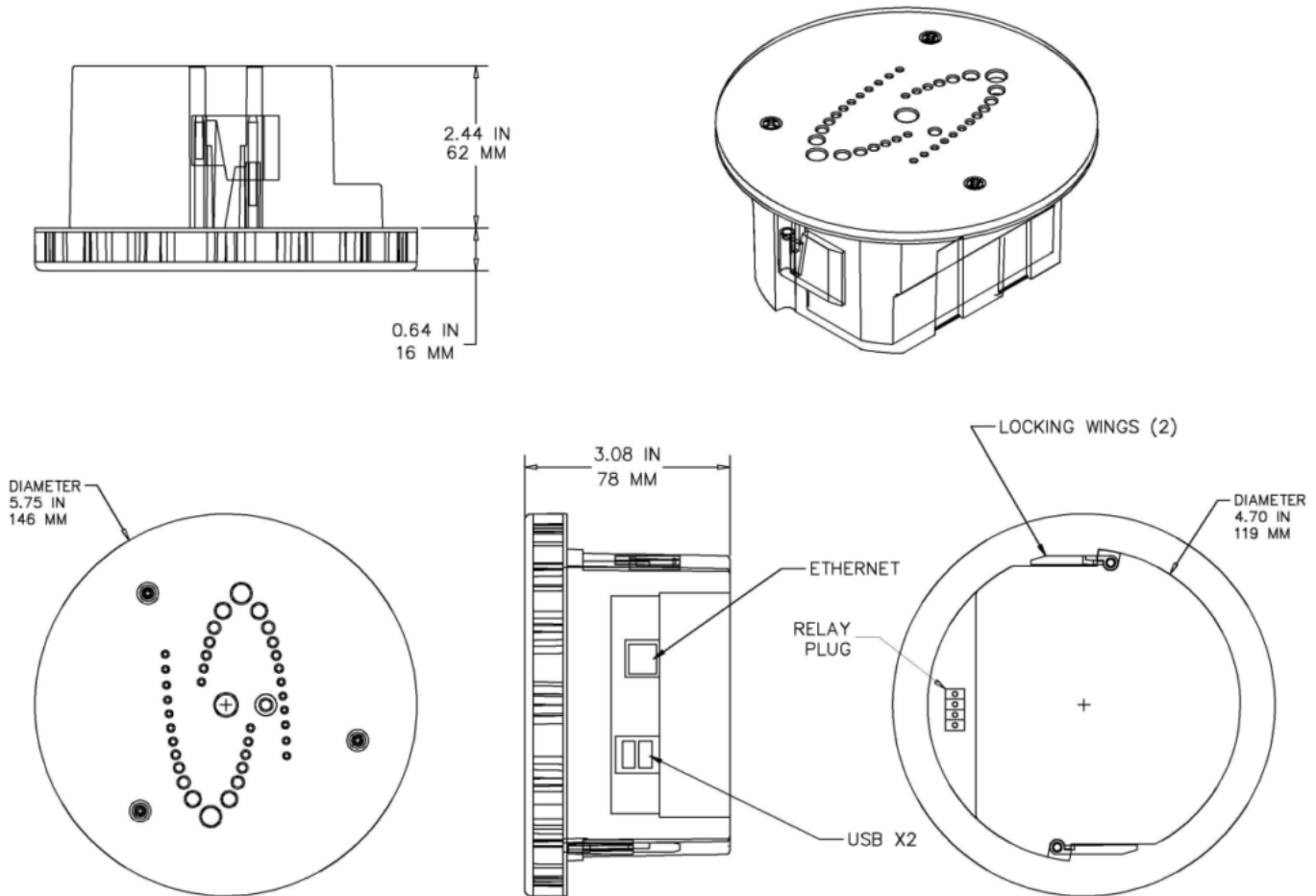
AESTHETICALLY PLEASING
With its small footprint, the HALO device is a non-intrusive security device that does not take away from a room's ambiance. A single HALO device can provide coverage for a 12x12 room.

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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
EMC	

OUTLINE DIMENSIONS

[X.X]	INCHES
X	MM

ORDERING INFORMATION

DESCRIPTION	
HALO-V2.00	HALO Smart Sensor
HALO-SMADAPT	Halo Surface Mount Adapter

SUPPORT

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

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