

HALO Smart Sensors & HALO Cloud

Where safety and personal privacy meet

Ensuring the safety of individuals and organisations is essential, including where visual and audio recording is not permitted due to privacy concerns. These areas pose a unique security challenge as they are often targeted to engage in prohibited or unsafe activities. How do you help keep every area of a building safe?

Meet the HALO Smart Sensor, an all-in-one intelligent device that helps keep buildings safe by accurately detecting vaping, health and safety events. Not only does the device help with the safety of privacy rooms by not using visual or audio recording, but it also can detect air quality and anomalies that go unnoticed by security cameras.



Features



All-in-one, intelligent device

Accurately detect health, safety and vaping anomalies, and keep track of occupancy. Plus, visually identify the event that triggered a HALO Smart Sensor through the pre-programmed multicolored LEDs that illuminate the device.



Integrations

As a VMS-agnostic smart device, the HALO Smart Sensor works with your existing security system, saving time and costs when installing your additional layer of security.



Real-time notifications

Receive real-time alerts directly within your video management system (VMS) so you can respond faster and mitigate potential threats.



Keep all areas safe

HALO Smart Sensors detect various anomalies, including vaping, vaping with THC, aggression, motion, gunshots and more, all while protecting the privacy of individuals by not using audio or visual recording.



Easy and quick installation

Keep your aesthetics pleasing with a small, lightweight and discreet device. Benefit from an easy surface-mount installation with the ability to power two units with a single cable run.



Gain insights with HALO Cloud

Efficiently allocate resources and quickly respond to events by gaining valuable insights with trend analysis and customized reports. Stay one step ahead with real-time notifications delivered to your email and mobile devices.



MOTOROLA SOLUTIONS

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

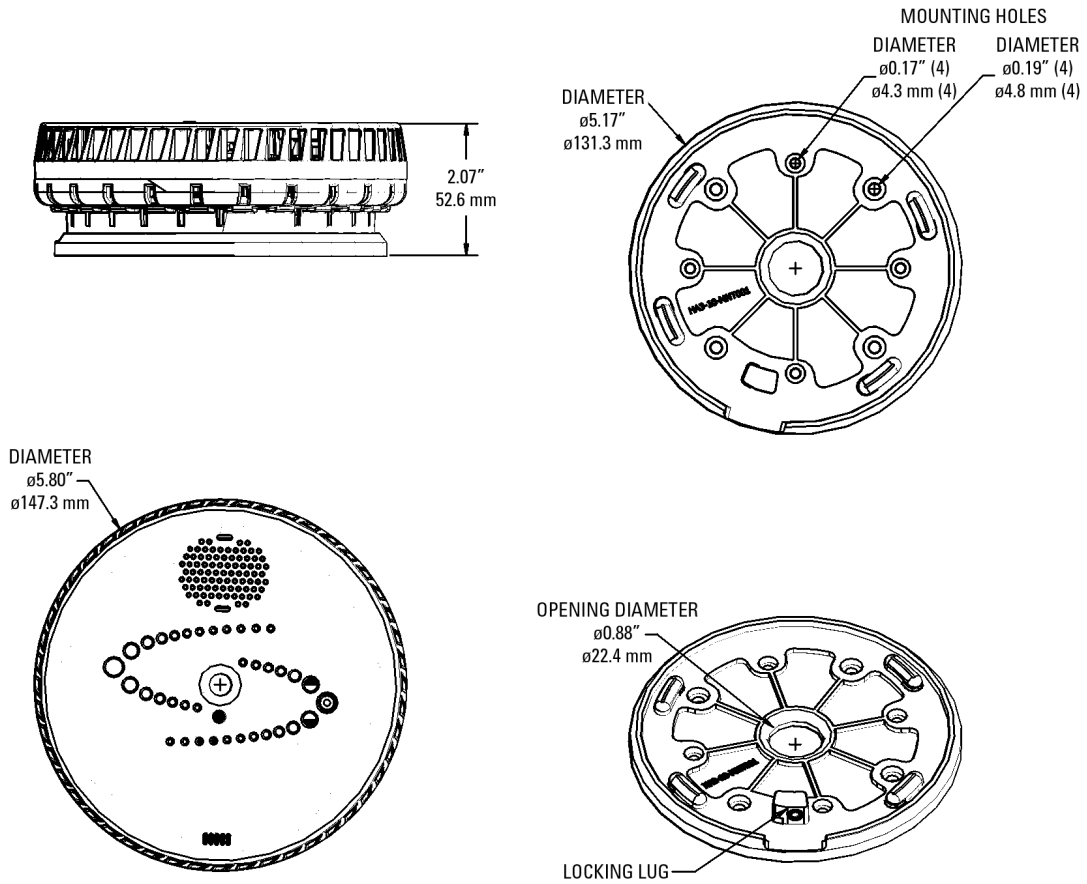
² Only available on HALO 3C-PC.

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-SENSOR-BACKBOX	HALO3C Back Box



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