HALO SMART SENSOR

VAPE & THC DETECTION

AIR QUALITY & ENVIRONMENTAL MONITORING

CHEMICAL DETECTION

PRIVACY AREA SECURITY

KEY WORD ALERTING | GUNSHOT DETECTION | AGGRESSION & LOUD DISTURBANCES

The award-winning HALO Smart Sensor is expanding across industries as the preferred security solutions for privacy areas, where you can't place a camera or record conversations, with its new spoken key word, gunshot detection and Air Quality Index(AQI) features.

HALO detects environmental changes that occur in these privacy concern areas and as a device on the network, it sends email, text and security platform alerts to designated security personnel. HALO can detect flammables, hazardous chemicals, air quality changes such as vaping and smoking and changes in temperature and humidity. HALO can also detect noise level fluctuations and can send alerts when unusual activity occurs such as a gunshot or aggressive behavior like fighting.

With its key word detection, a daughter in her dorm room, a hotel housekeeper, a patient in duress, a student in a hazing incident or an elderly parent living by themselves can alert security to an attack or emergency in real time.

HALO will also analyze room occupancy through light detection in addition to monitoring temperature, humidity, pressure and air quality. HALO includes a built-in tamper detection alert.

HALO's Air Quality Index(AQI) will alert when air quality levels fall in the danger zone for spreading disease, reducing the spread of virus particulates and regularly monitoring to align with industry and government standards.

HALO IOT Smart Sensor - Patent Pending

Audio Analytics
- Spoken Key Word Alerting
- Abnormal Noise Level Detection
- Gunshot Detection
- Shouting
- Excessive Banging
- Occupancy
- Bullying

Air Quality
- Vape
- THC
- Smoke
- Formaldehyde
- Benzene
- Air Quality Index (AQI)
- Volatile Organic Compounds (VOCs)

Chemical
- Ammonia
- Carbon Monoxide
- Carbon Dioxide
- Nitrogen Dioxide

Environmental
- Temperature
- Humidity
- Tamper
- Pressure
- Occupancy
- Light Sensitivity

Alerting
- Email or SMS text alerts
- Alerts to Video Management & Access Control
- 3rd party emergency applications
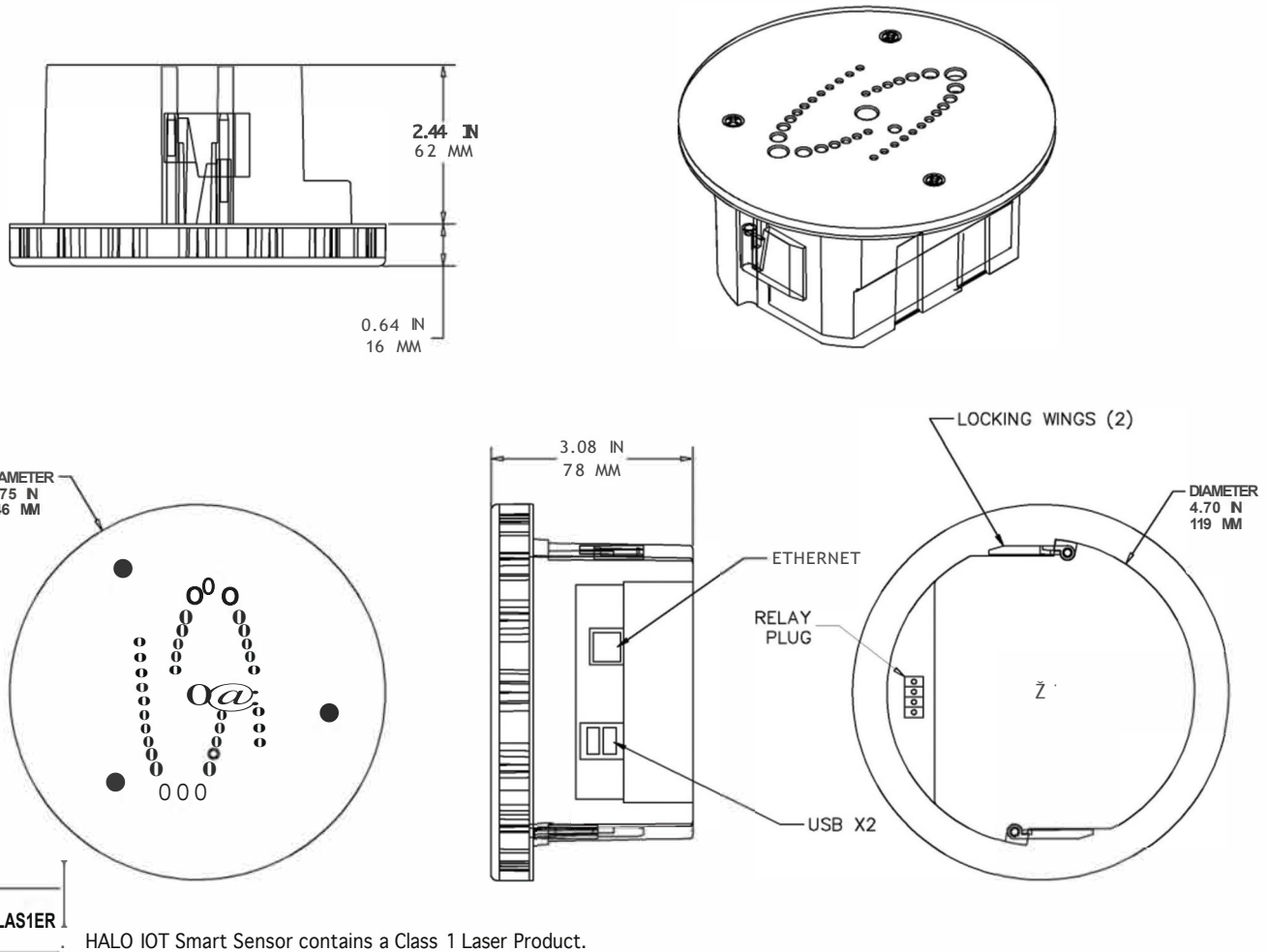- Low voltage relay outputs
- Cloud mapping alerts

IPVideo Corporation
ipvideocorp.com

Available through ganzsecurity.com/halo
Find out how Halo integrates with Ganz CORTROL VMS.
Actionable Intelligence for a Safer Environment.

LEARN MORE!
ganzsecurity.com/halo

Operating Temperature	32°F - 122°F (0°C - 50°C)
Operating Humidity	0 to 90% Relative Humidity (non-condensing)
Power Supply	PoE (IEEE 802.3af Class 3 Compliance) 9W
Dimensions	5.75" x 3.08" (146mm x 78mm)
Weight	0.8 lbs (0.365 kgs)
Mounting Options	Ceiling Flush Mount, Surface Mount (optional)
Vandal	IK10 rated, vandal proof housing with Tamper Alert
Certifications	UL, CUL, CE, RoHS, FCC, WEEE, California IoT Security 1798.91.04

2.44 IN
62 MM

0.64 IN
16 MM

DIAMETER
5.75 IN
146 MM

LAS1ER

HALO IOT Smart Sensor contains a Class 1 Laser Product.

3.08 IN
78 MM

LOCKING WINGS (2)

ETHERNET

DIAMETER
4.70 IN
119 MM

RELAY
PLUG

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USB X2

Interface Specifications

Live Display Resolution*	1024 x 768
Frame Rate*	1 FPS
Video Compression*	MJPEG
Audio	MEMS Microphones (2) [Audio Analysis Only] No Recording of Live Stream
Relays Outputs	2, Normally Open or Closed, 48VDC at 1 amp
VMS Integrations PVMS, Mirasys,	Milestone, Genetec, Avigilon, Ganz CORTROL, ExacQ Vision, Vivotek, Pelee, Ganz Cortrol, Nx Witness, Qognify, DW Spectrum I Videolnsight, EoCortex, Wisenet Wave VMS, Axxonsoft, Digifort
Other 3rd Party Integrations	Rhombus Systems, Arcules, The Boring Lab, Presence Management, IDentifyED, Vigilance Software, Punch Alert, DI R-S, Extreme Network Defender, Aruba HPE, Connect One, Audio Enhancement, AMT, Gallagher, NuLEDs, C2P
Status Light	Alarm Condition, Multi-Color, Programmable
Speaker	Alarm Condition, Pre-Recorded Files, Programmable

*Image display of sensor readings only.

Network Specifications

Ethernet	RJ-45 {10/100 Base-T}
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
Protocols	BACnet, RTSP, TCP/IP, UDP, IPV4/V6, HTTP, HTTPS, DHCP, ARP, Bonjour, Wireless Connectivity
Maximum Users Connections	Live MJPEG Stream, 8 Users

**All information is subject to change without notice.

IPVideo
Corporation

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