

# Help ensure a safe learning environment.

**HALO IOT Smart Sensor** detects environmental changes that may occur in privacy concern areas – bathrooms, locker rooms and classrooms. HALO can detect vape & THC, the Air Quality Index, temperature, chemical detection, loud disturbances, and more. With HALO, staff can get alerts through the web, video management systems or building management tools. HALO Smart Sensor can detect the following:



## Air Quality Monitoring

- Detection of vaping and smoking
- Detection of dangerous chemicals
- Temperature and humidity
- Monitoring of the room's Air Quality Index to warn when air quality reaches unhealthy levels



## Sound Frequency Monitoring

- Detection of aggressive behavior
- Detection of gunshots



## Alerting

- Email or SMS text alerts
- Monitoring the sanitizing of rooms
- Alerts to Video Management & Access Control
- Low voltage relay outputs



## Chemical Detection

- Whippets (Nitrous Oxide)
- Hydrogen levels
- Ammonia
- Total volatile organic compounds (glue solvents)
- Carbon Dioxide
- Carbon Monoxide
- THC



## Room Occupancy

- Light detection



Item # 2028296

**SPECIAL PRICING\***  
plus **FREE SHIPPING!**

**No set up or reoccurring fees.**

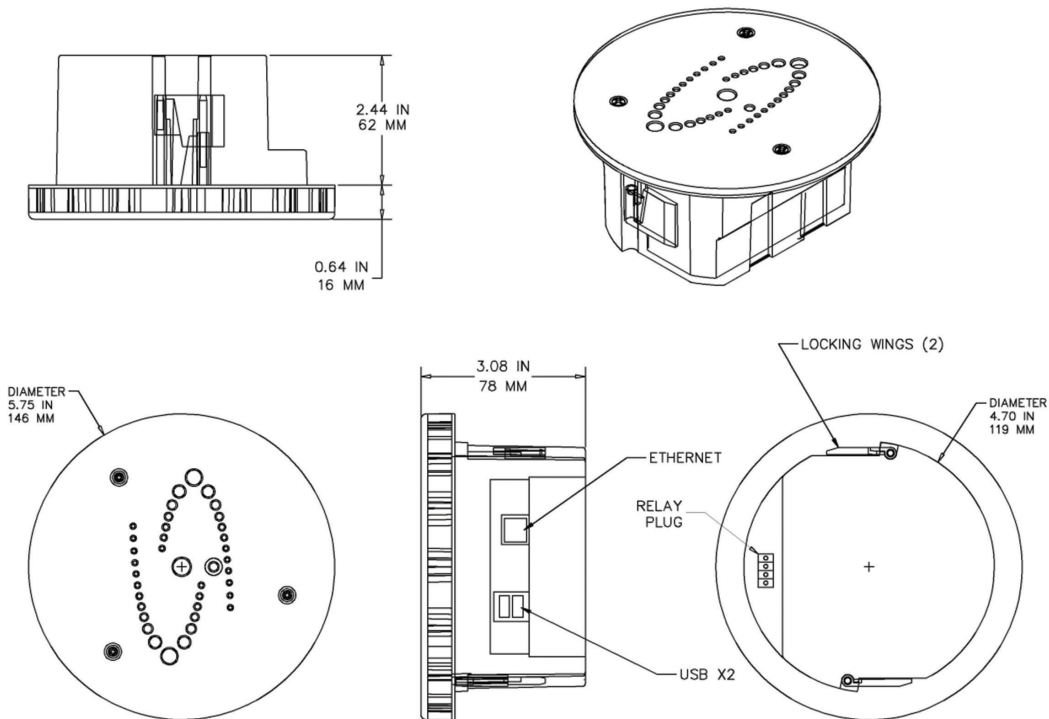
\*Please contact your School Specialty representative for volume discount quotes.

# SPECIAL PRICING AVAILABLE!

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Contact your School Specialty Representative to see if you are eligible for quantity pricing.

General Specifications	
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" (16mm x 78mm)
Weight	0.8 lbs (0.365 kgs)
Mounting Options	Ceiling Flush Mount, Surface Mount (optional)
Vandal	Vandal proof housing with Tamper Alert



Interface Specifications	
Live Image 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	Milestone, Panasonic, Axxonsoft
Status Light	Alarm Condition, Multi-Color, Programmable
Speaker	Alarm Condition, Pre-Recorded Flies, Programmable

\* image display of sensor readings only

Network Specifications	
Ethernet	FJ-45 (10/100 Base-T)
Alarm Triggers	Particulates, Carbon Dioxide Equivalents, Total Volatile Organic Compounds, Carbon Monoxide, Ammonia, Temperature/Humidity, Light Level, Sound Levels, Tamper, Vape, Vape THDD, Aggression
Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, RTP, RTSP, DHCP, ARP, Bonjour
Maximum Users Connections	Live MJPEG Stream, 8 Users

Questions? Contact your School Specialty Sales Representative today.