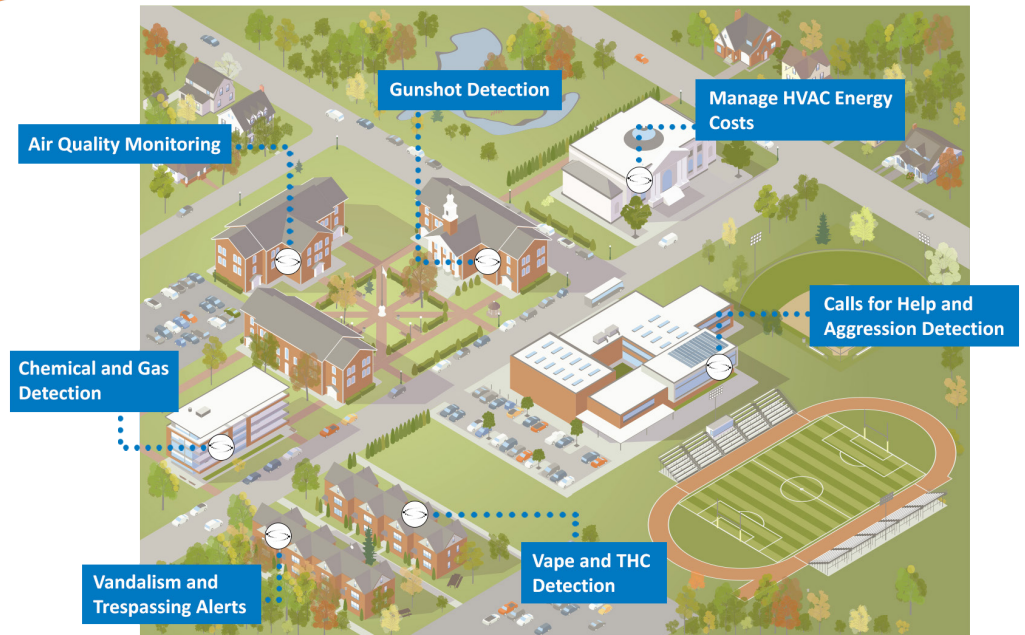




A Healthy and Safe Indoor Campus Environment

All-in-one security device!



Vape and THC Detection

Identify vaping or smoking in dorm rooms, bathrooms, and locker rooms.

Manage HVAC Energy Costs

Monitor HVAC effectiveness and only use when rooms are occupied.

Air Quality Monitoring

Automate and ensure proper ventilation in each room with BACnet integration.

Calls for Help and Aggression Detection

Students and staff can call for help using specific key words. Get notified of fights in dorm rooms, bathrooms, and locker rooms.

Vandalism and Trespassing Alerts

Receive notifications when lights or noise is detected after hours or in unauthorized areas.

Gunshot Detection

Identify gunshots and location with two-factor authentication. 3rd party certified.

Chemical and Gas Detection

Catch chemical spills and hazardous gases in science labs, mechanical/utility rooms, custodial closets and maintenance areas.

HALO MULTI SENSORS



AUDIO ANALYTICS

- SPOKEN KEY WORD ALERTING
- ABNORMAL NOISE LEVEL DETECTION
- GUNSHOT DETECTION
- SHOUTING
- EXCESSIVE BANGING
- BULLYING



AIR QUALITY

- VAPE
- THC
- SMOKE
- PARTICULATES
- AIR QUALITY INDEX (AQI)
- VOLATILE ORGANIC COMPOUNDS (VOCs)



CHEMICAL

- AMMONIA
- CARBON MONOXIDE
- CARBON DIOXIDE
- NITROGEN



ENVIRONMENTAL

- TEMPERATURE
- HUMIDITY
- TAMPER
- PRESSURE
- LIGHT SENSITIVITY



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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" (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, C-Tick and CRM Compliant

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 User Connections	Live MJPEG Stream, 8 Users

Interface Specifications

Live Display Resolution*	1024 x 768
Frame Rate*	1 FPS
Video Compression*	MJPEG, H.264
Audio	MEMS Microphones (2) [Audio Analysis Only] No Recording of Live Stream
Relays Outputs	2, Normally Open or Closed, 48VDC at 1 amp
Status Light	Alarm Condition, Multi-Color, Programmable
Speaker	Alarm Condition, Pre-Recorded Files, Programmable WAV Files

*Image display of sensor readings only.



VMS Integrations

Milestone, Genetec, Avigilon, ExacQ Vision, Rhombus Systems, Arcules, Vivotek, Pelco, Ganz Control, Nx Witness, Qognify, DW Spectrum IPVMS, Mirasys, Video Insight, EoCortex, Wisenet Wave VMS, Axonsoft, Digifort, and many others!

Other 3rd Party Integrations

The Boring Lab, Presence Management, IIdentifyED, Vigilance Software, Punch Alert, DIR-S, Extreme Network Defender, Aruba HPE, Connect One, AMT, Audio Enhancement, Gallagher, NuLEDs, Singlewire Informacast and many others!

Supported Languages

English, Foreign Languages Supported

Emergency Key Words

HALO supports multiple key words

Connect to HALO Cloud for ease of management, notification, and reporting.



HALO Smart Sensor is Patented.

