A Healthy & Safe School Environment

All-in-one security device!

Chemical and Gas Detection

Vandalism and Trespassing Alerts

Prevent Spread of Infectious Disease

Vape and THC Detection

Gunshot Detection

Air Quality Monitoring

Aggression Detection and Calls for Help

Vape and THC Detection

Identify vaping or smoking in bathrooms and locker rooms.
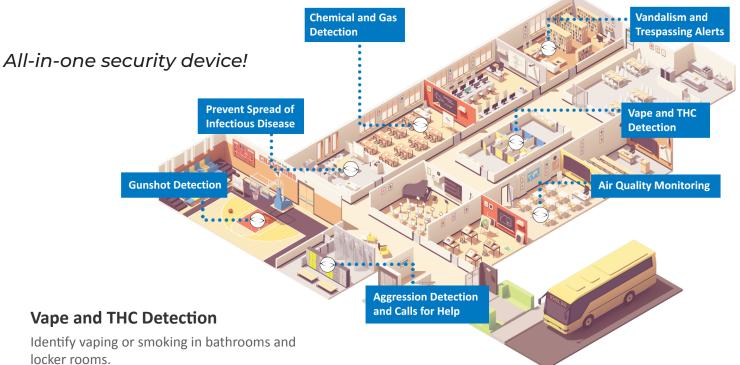
Air Quality Monitoring

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

Prevent Spread of Infectious Disease

Ensure rooms have been cleaned and that air is properly filtered.

Aggression Detection and Calls for Help

Students and staff can call for help using specific key words. Get notified of fights in 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

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.

Aggression	AQI	Carbon Monoxide	Carbon Dioxide	Gunshot	Help (Spoken Key Word)	Humidity	Light Level
Masking	Particulates	Pressure	Tamper	Temperature	THC	TVOC	Vape

VMS Integrations

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

Other 3rd Party Integrations

The Boring Lab, Presence Management, IDentifyED, 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.