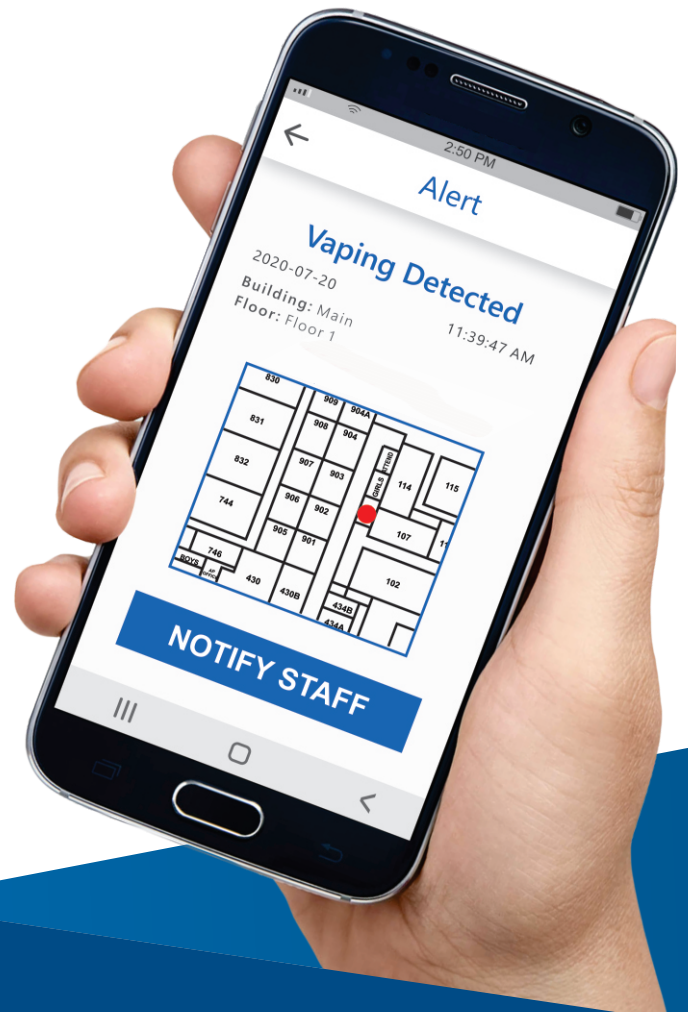
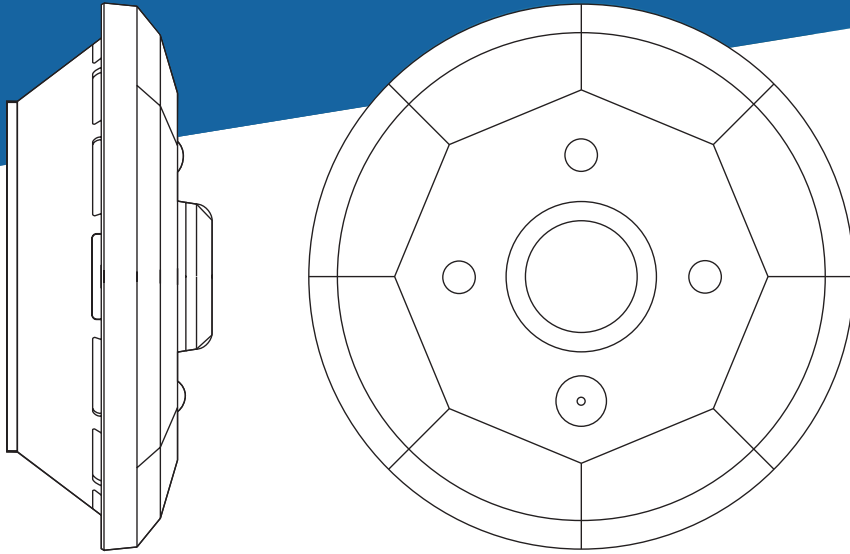




- Smoke Detector
- Gunfire Detector
- Vaping Detection
- Air Quality Monitor
- Occupancy Sensor
- Strobe Alert
- Real-time Display



Smoke, Gunshot, and Vaping Detection



Specifications - IEQS-1 711-1060

Dimensions 6.29" DIA x 2.36" High
159.86 x 59.82 mm

Power 110VAC- 350mA Normal Operation;
1800 mA with Strobe and Siren ON
9V Battery backup for Smoke Detector functionality

Reported AQ Index	Air Quality	Impact - Long Term Exposure	Recommended Action
0-50	Excellent	Clean Air; Ideal for well-being	No action required
51-100	Good	Acceptable; No irritation	No action required
101-150	Light Irritants	Discomfort possible	Ventilation Recommended
151-200	Moderately Polluted	Discomfort & Irritation Likely	Increase Ventilation with Clean Air
201-250	Heavily Polluted	Eye Irritation, Headache Likely	Optimize Ventilation; Reduce Attendance
251-350	Severely Polluted	Severe Health Issues Possible	Maximize Ventilation; Reduce Attendance;
>351	Extremely Polluted	Headache, Eye Irritation, Additional neurotoxic effects possible	Maximize Ventilation; Evacuate Area;

Smoke Detector

UL217 *ed. 8*, UL268 *ed. 7*, & UL1730 (smoke detector)
UL1638, UL1730, UL1971, & UL2017 (visual signaling device)
110 VAC Dual Mode Photo Electric Smoke Detector
Internal Battery Back Up

Gunfire Detector

Acoustic, concussion and spectral analysis to determine gunshot, firearm type and location.

Vaping/Smoking Detector

Detects and reports the presence of fumes from vaping devices and cigarettes.

Air Quality Index

UL2034, UL1484, & UL2075 (CO, gas and vapor detector).

Monitors and reports an Air Quality Index number from 0 to 500. Initiates a system alert when the index exceeds 150 (air contaminant levels which are likely to cause discomfort and irritation).

Reports levels of CO, CO², VOCs, PM2.5, PM10, humidity, temperature, barometric pressure.

Occupancy

Detects presence of people and counts the number in the room/area.

Strobe Light

High power solid-state strobe; Up to 40 units can synchronize strobe and siren

Tamper Detection

Reports tampering with the device.

System

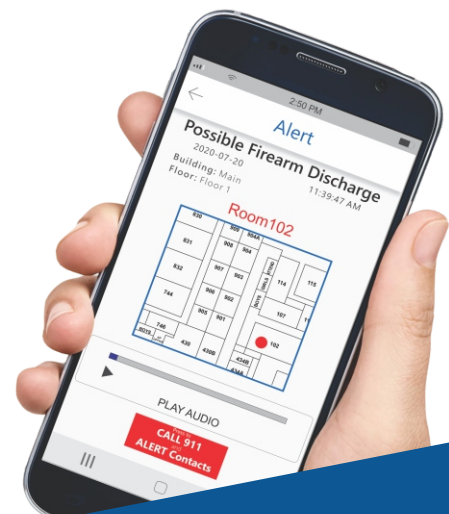
Mobile App and Dashboard receive system alerts for gunshot detection, smoke detection, and poor air quality.

Alerts sent to 911 via RapidSOS digital network for gunshot detection, fire, or dangerous air contamination.

Notifications via text and/or e-mail to user-identified stakeholders for any notification.

Device status displayed in real time in Dashboard.

Direct Digital 911 Notification of emergencies via:
RAPIDSOS 



MADE IN THE USA