◆ rhombus

E50 Environmental Sensor

Ensure safe spaces with advanced environmental monitoring powered by AI and specialized sensors. Track environmental conditions with synchronized video evidence.

Comprehensive Approach to Indoor Safety

The E50 Environmental Sensor is powered by POE and powerful AI. Gain advanced capabilities to detect and monitor indoor air quality, smoke, vaping, and other volatile chemicals with an all-in-one solution to maintain a healthy indoor environment.

With built-in glass break detection, optional leak detection, and temperature probe functionality, the E50 streamlines Air Quality management and promotes occupant wellbeing and safety while deterring unwanted behaviors like smoking and vaping onsite.

💲 Starting at $999 (MSRP USD)

🚬 Advanced detection of vape and unhealthy particulates

🔍 Powered by POE, deploys in seconds

🪄 Built-in glass break, loud noise, and T3/T4 alarm detection

🎖 Backed by a 10-year warranty

E50 Overview

Detection:

- Vape & Smoke

- PM1.0/2.5: 0-1000 µg/m³ ± 10%

- PM4.0/10: 0-1000 µg/m³ ± 25%

- Temperature: ±0.45 °C @15-30 °C, 50% RH, typical
                ±0.70 °C @15-30 °C, 50% RH, max

- Humidity: ±4.5% RH @25 °C, 30-70% RH, typical
            ±6.0% RH @25 °C, 30-70% RH, max

- VOC Index:1-500

- Carbon Monoxide: 0-5000 ppm

- Carbon Dioxide: 400-2000 ppm ± (50 ppm + 5% of reading)

- NOx Index: 1-500

- Formaldehyde: 0-1000 ppb ±20 ppb or ±20% of measured value

- Pressure: min/max = 260,1260 hPa

- Glass break, loud noise, T3/T4 alarm detection

Dimensions: 117mm (4.6in) X 59mm (2.3in)

Power over Ethernet: Standard 802.3af for one-cable installation

Power Consumption: Max 4.5 Watts

Operating Humidity: 10-90% RH (non-condensing)

Operating Temperature : 0-40 °C

Accessories: Supports external temp probe and leak probe via jack, both optional accessories

Mounting: Screws and anchors included

Outdoor Use: For use indoors or outdoors if protected from moisture

Rhombus Sensor Network Compatible

Rhombus 10-year Warranty included