MODEL #

VP360MPOE

AIR QUALITY ***SENSOR***



Our multi-sensor vape detector is a sophisticated device designed to detect vaping in various environments. Equipped with pre-recorded messages, a microphone, and a speaker, it is capable of issuing warnings and alerts effectively. It incorporates ambient temperature detection and sound disturbance detection mechanisms. The presence of deterrent lights adds an additional layer of prevention. Furthermore, it features a robust vandal-proof casing and a self-protection sensor, ensuring its durability and reliability in challenging conditions.

- ***PRE-RECORDED MESSAGES***
- ***MICROPHONE & SPEAKER***
- ***DETERRENCE LIGHTS***
- ***ALARM INPUT***
- ***VAPE DETECTION***
- ***ROOM TEMPERATURE DETECTION***
- ***VANDAL PROOF HOUSING AND TAMPER SENSOR***
- ***NOISE DISTURBANCE DETECTION***

5MP RESOLUTION

IK10

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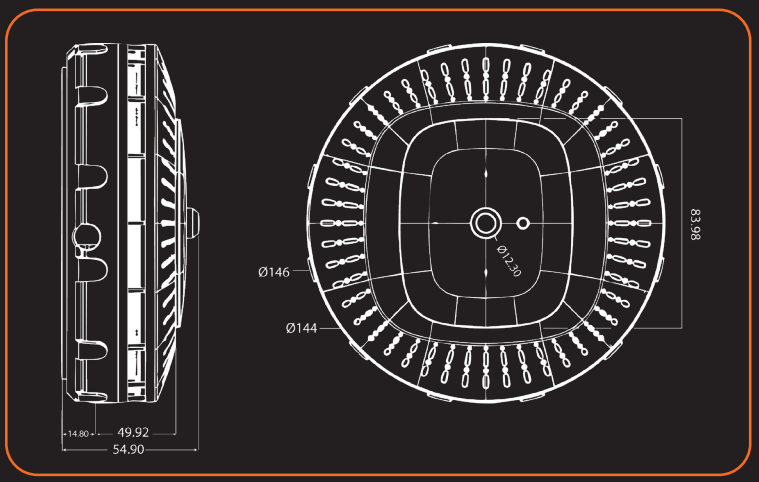
NETWORK

Protocols	MQTT, Onvif, RTSP, TCP/IP, UDP, IPV4/V6, HTTP, HTTPS, DHCP, DDNS, SMTP, Wireless Connectivity. (RTMP on Road)
Ethernet	RJ-45 (10/100 Base-T)
Wireless	2.4GHz Wi-Fi
Live-View Resolution	1920x1080
Power Port	DC12V
POE	802.3af Standard
Relay (Dry Contact)	Yes
RS-485	Yes
Speaker (Audio)	Yes
Microphone	Yes
Deterrence Light	Yes (RGB)
Multi-Sensor Monitoring	PM1.0/PM2.5/PM10, CO (Carbon Monoxide), HCHO (Formaldehyde), Room Temperature and Relative Humidity Level (%RH), Tamper, NO2 Optional, TVOC (Total Volatile Organic), CO2 (Carbon Dioxide), Noise Disturbance
Power Supply	DC12V/POE
Dimension	144mm Ø x 47mm Thick
Weight	430g
Mounting	Surface-Mount (Ceiling or Wall)
Tamper/Vandal	Security Screw locked in with equivalent to IK8 rated vandal proof housing and with tamper sensor
Housing Material	ABS (Fire-proof) /IP30
Operating Environment	0 °C ~ 50°C and 5 ~90%(Relative Humidity) Non-condensation Indoor Applications

RANGE AND ACCURACY OF MEASURMENT

PARAMETER	RANGE	RESOLUTION	ACCURACY
PM1.0 PM2.5 PM10	0~500µg	1.0µg/m³	Particle Counting Efficiency: 50% @0.3µm 98%@ ≥0.3µm Accuracy: ±10% FS(@100µm/m3 25°C, 50% RH
TVOC	Level 1- Level 5 and Relative ppb	1.µg/m³	Typical Accuracy: ±10% FS(@ C2H6O,0.5ppm, Indoor 25°C/50%RH
CO	Level 1- Level 5 and Relative	1ppm	±10 ppm or ±10%
CO2	400~5000ppm	1ppm	±50ppm or ±10%
HCHO	Level 1- Level 5 & Relative ug/ m³	1ug/m³	± 10ug/m³ or ±10%
TEMPERATURE/ HUMIDITY	-20~60°C 0~99%RH		<±1°C @ 0~60°C <±5% @ 10~90%RH
NOISE DISTURBANCE	30~130dB	0.1dB	±1dB (ref: 94dB@1kHz)
RECOMMENDED COVERAGE FLOOR AREA PER DETECTOR (INDOOR APPLICATIONS)	Air-conditioned open floor with ceiling height of:2.7~3.0m: 15~18m2 Mechanically ventilated amenities with ceiling height of 2.4~2.7m; Air lock doors and no full-height partitioning: 8~10m2		

DIMENSIONS



DOWNLOAD THE SMART GUARDIAN APP

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