Physical Security / **Sensors & Alarms**

Vape Detection & Air Quality Sensor



Overview

Dimensions	Ø93 x 40.5 mm (Ø3.7 x 1.6")
Mounting	Wall, ceiling and table
UniFi Application Suite	Protect

Performance

Networking Interface	(1) 10/100 MbE RJ45 port
Connectivity	Ethernet
Sensor Features	
Temperature Sensor	✓
Humidity Sensor	✓
Air Quality	CO2, PM1, PM2.5, PM4, PM10, VOC, AQI, Vape
Sampling Rate	1 Hz

Sensitivity Range

Temperature Sensor	0–40° C (32–104° F)
Humidity Sensor	0–90% RH
Air Quality	0–500
CO2 Sensor	0–40,000 ppm
PM1/PM2.5/PM4/PM10	0–1000 µg/m³
VOC Index	1–500
Vape Index	0–100

Accuracy

PM1/PM2.5	0–100: ±(5 µg/m³ + 5% m.v.) 100–1000: ±10% m.v.
PM4/PM10	0–100: ±25 µg/m³ 100–1000: ±25% m.v.
VOC	±5%
CO2	400–2000: ±(50 ppm + 3% of reading) 2000–5000: ±(50 ppm + 5% of reading)
Temperature	±1° C (1.8° F)
Relative Humidity	±8% RH

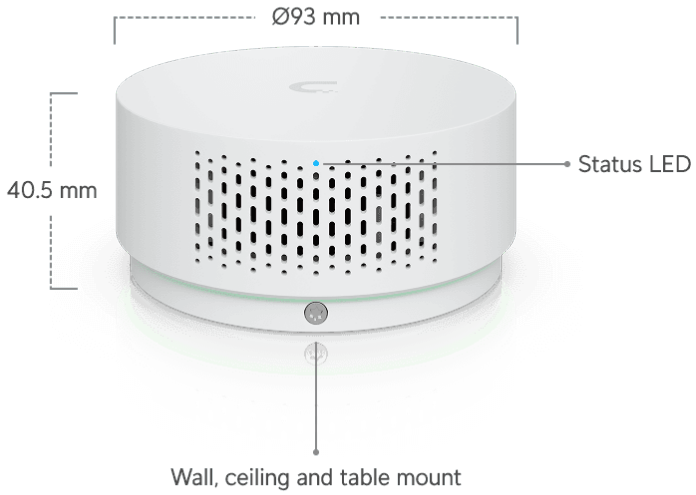
Hardware

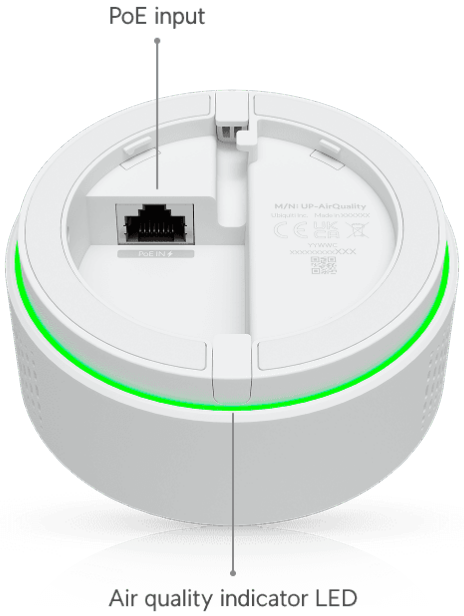
Max. Power Consumption	2.2W
Supported Voltage Range	37-57V
Power Method	PoE
Weight	190 g (6.7 oz)
Enclosure Material	Polycarbonate
Mount Material	Aluminum alloy, stainless steel
LEDs	(1) Status: White/Blue (1) Air quality indicator: Red/Green/Yellow/Violet
Operating Environment	Indoor use only
Ambient Operating Temperature	Recommended 10 to 35° C (50 to 95° F)
Ambient Operating Humidity	10 to 90% noncondensing
Certifications	CE, FCC, IC
NDAA Compliant	✓

Software

Application Requirements

Web Application	UniFi Protect: Version 7.1 or later.
Mobile App	UniFi Protect iOS™: Version 3.6.0 or later. Android™: Version 3.5.0 or later.


Ø93 mm
40.5 mm
Status LED
Wall, ceiling and table mount


PoE input
Air quality indicator LED