

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	CO ₂ , PM ₁ , PM _{2.5} , PM ₄ , PM ₁₀ , 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
CO ₂ Sensor	0–40,000 ppm
PM ₁ /PM _{2.5} /PM ₄ /PM ₁₀	0–1000 µg/m ³
VOC Index	1–500
Vape Index	0–100

Accuracy

PM1/PM2.5	0–100: $\pm(5 \mu\text{g}/\text{m}^3 + 5\% \text{ m.v.})$ 100–1000: $\pm 10\% \text{ m.v.}$
PM4/PM10	0–100: $\pm 25 \mu\text{g}/\text{m}^3$ 100–1000: $\pm 25\% \text{ m.v.}$
VOC	$\pm 5\%$
CO2	400–2000: $\pm(50 \text{ ppm} + 3\% \text{ of reading})$ 2000–5000: $\pm(50 \text{ ppm} + 5\% \text{ of reading})$
Temperature	$\pm 1^\circ \text{ C}$ (1.8° F)
Relative Humidity	$\pm 8\% \text{ RH}$

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

NDA 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.