



Airveda PM2510CVTH

INDOOR AIR QUALITY MONITOR



SENSOR SPECIFICATIONS		
Particulate Matter 2.5 (PM2.5)	Sensor Type: Measuring Range: Sensor Output Resolution: Accuracy:	Laser Particle Sensor (Light Scattering) 0 - 999 µg/m3 1 µg/m3 ±10%
Total Volatile Organic Compounds (TVOCs)	Sensor Type: Measuring Range: Sensor Output Resolution: Accuracy:	Metal Oxide Semiconductor Sensor (MOS) with MEMS Technology 125 - 600 ppb 1 ppb ±25%
Carbon Dioxide (CO2)	Sensor Type: Measuring Range: Sensor Output Resolution: Accuracy:	Dual Beam Non-Dispersive Infrared Detector (NDIR) 0 - 5000 ppm 1 ppm ±3% and 50 ppm
Temperature	Sensor Type: Measuring Range: Sensor Output Resolution: Accuracy:	CMOS 10 - 60 °C 0.1 °C ±1 °C
Relative Humidity	Sensor Type: Measuring Range: Sensor Output Resolution: Accuracy:	Capacitive 10 - 90% RH 1% RH ±3%
BASIC INFORMATION		
DIMENSIONS Length: 116 mm (4.57 in) Width: 60 mm (2.36 in) Height: 116 mm (4.57 in)	WEIGHT Unit Weight: 400 g (0.88 lbs)	CONNECTIVITY & INTEGRATION - Wi-Fi - RS-485 Serial Connection w/ Modbus
OPERATIONAL ENVIRONMENT Operating Temperature: 0 to 60°C Operating Humidity: 10 to 90%RH		DATA STORAGE & LOGGING Log Interval: 1 sec - 1 min, 5 min, 10 min, 20 min (adjustable) Data Push Interval: 20 sec - 1 min, 5 min, 10 min, 20 min (adjustable) Onboard Memory: 5800 entries (2 - 80 days based on log interval)
POWER Input: 5V Operating: 10 W	BATTERY Capacity: 3200 watt-hour Usage Time: 6 - 8 hours	WARRANTY & DURABILITY Warranty: 1 year against manufacturing defects Expected Lifespan: 1 year
ACCESSORIES - USB Charging Cable - Power Adapter		OTHER CERTIFICATIONS N/A

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This indoor air quality monitor has met the RESET™ Air Performance Standard for Commercial Grade (B) Monitors and is accredited for use in projects pursuing RESET™ Certification.