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EdiGreen Home Smart Wireless
Indoor Air Quality Detector with 7-in-1 Multi-Sensor
PM2.5, PM10, CO_2, TVOC, HCHO, Temperature, and Humidity Sensors

AI-2002W

FEATURES

- **Air Matters**: Accurate monitoring of PM2.5, PM10, CO2, HCHO, TVOC, temperature and humidity, know the air you breathe.
- **Discover**: Discover quality of indoor life by providing historical and trending air quality level
- **Analyze**: Analyze past readings, observe the present
- **Alert**: Alerts you when air is at health risk levels
- **Know**: At a glance, see your air quality immediately on LED display and EdiGreen Home app.

OVERVIEW

Indoor air quality is a critical factor affecting our health as we spent a significant amount of time indoor! But how do you tell if the air you are breathing is good or bad?

EdiGreen Home is your best air quality check solution – with visible figures / display – that intuitively simplifies data reading to allow all efforts to be invested into improving indoor air quality. The EdiGreen Home, Smart Air-Quality Detector with multi-sensors, can detect more than ten harmful pollutants such as PM2.5, PM10, HCHO, CO_2 & TVOC. With quick-glance LED and EdiGreen Home app real-time data, the unit is quick at displaying pollution levels, giving you and your family time to react to air quality threats.

Thanks to its elegant design with stand/wall-mount, the EdiGreen Home fits in any stylish modern home.

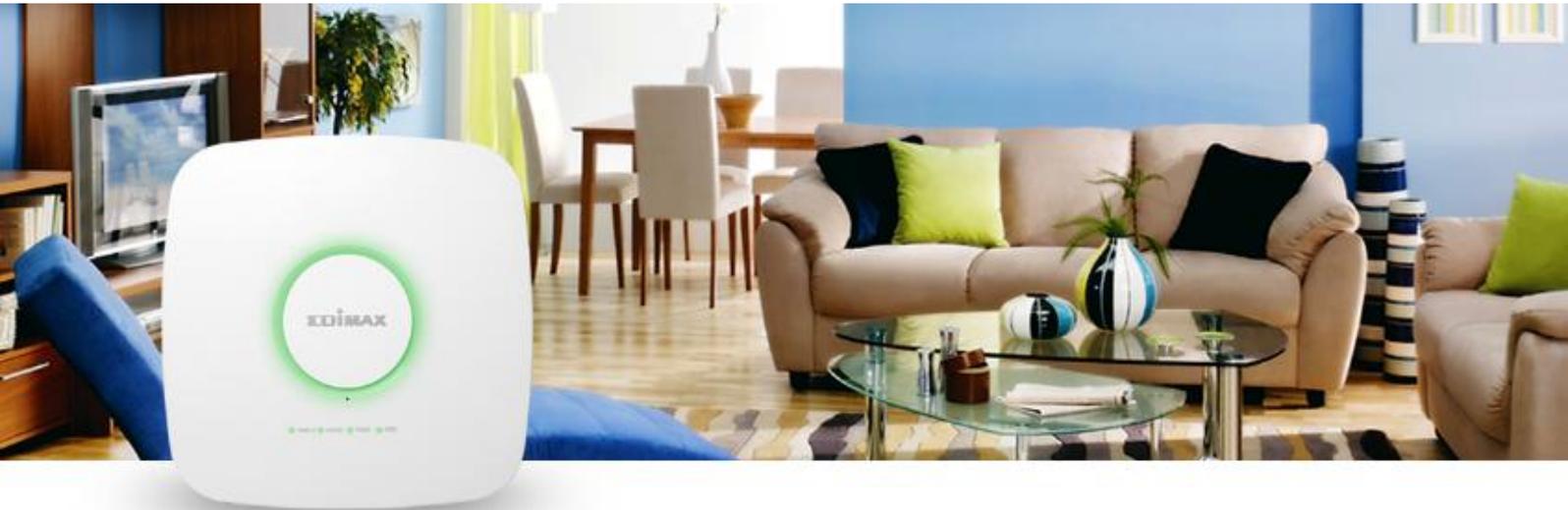PM2.5   PM10   HCHO   TVOC   CO2   Humidity   Temperature

EdiGreen Home Smart Wireless Indoor Air Quality Detector with 7-in-1 Multi-Sensor
PM2.5, PM10, CO2, CO, TVOC, HCHO, Temperature, and Humidity Sensors

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7-in-1 Multi-Sensor for Indoor Air Quality Monitoring.
$PM_{2.5}$, PM_{10}, TVOC, HCHO, CO_2, Temperature and Humidity

Integrated with seven environmental sensors, EdiGreen Home is a cost-effective device that visualizes indoor air. It can detect more than ten harmful pollutants, including a majority of indoor air pollution sources.

Analyze past readings, observe the present
The EdiGreen Home shows you air quality indexes instantly at a glance. With the intuitive and convenient app, you can check the air quality of different rooms or areas at the same time. It reminds you to refrain from staying in unhealthy indoor environment with more than ten harmful factors.

PM2.5 | PM10 | CO2 | TVOC | HCHO | Temperature | Humidtiy

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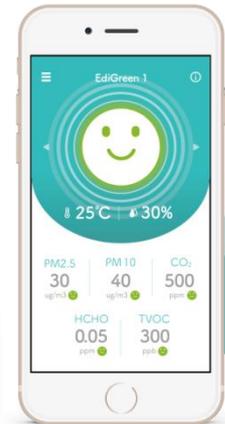
AI-2002W

One App for All.

- Real time Sensor Data: obtain real time PM$_{2.5}$, PM$_{10}$, CO$_2$, HCHO, TVOC, temperature and humidity data
- Intuitive display of the air quality of each air pollutant
- Historical Data Tracking: Hourly, Daily, Weekly, Monthly data of each sensor
- Selectable Display: Turn On / Off the LED display using App
- Alert / Push: Independent Push Notification setting of each sensor
- Provides nearby AI-1001W sensor data information

Setup an ingenious home air quality monitoring system in seconds

Works off Wi-Fi network. Easy installation. The EdiGreen Home app can connect up to ten devices to one mobile device, allowing you to monitor different rooms or areas for each of their air quality information.

The EdiGreen Home keeps you informed visibly of the air quality 24/7. Lets you be the air quality expert for your family.

PM$_{2.5}$ / PM$_{10}$ Sensor

Airborne particles affect our respiratory system every day. PM$_{2.5}$ (particles less than 2.5 micrometers in diameter) fine particles can penetrate deep into lungs and cause irreversible damage. The EdiGeen Home PM$_{2.5}$/PM$_{10}$ sensor uses laser scattering method with a uniquely-designed airflow tunnel that provides viewable concentration changes of particulate matters effectively.

CO$_2$ Sensor

CO$_2$ (Carbon Dioxide) is an often-overlooked killer. The embedded CO$_2$ sensor lets the EdiGreen Home accurately monitor the concentration of CO$_2$, which is odorless, tasteless and colorless. Knowing CO$_2$ concentration helps people respond to indoor air circulation problems and thus better air quality.

TVOC Sensor

TVOC (Total Volatile Organic Compound) or VOCs refer to thousands of organic chemicals. They come from paints, furnishing, cleaning supplies and many building materials in your house. The EdiGreen Home shows the level of TVOC via its color LED and mobile app to protect your family.

HCHO Sensor

Used in many manufacturing processes of furniture and household products, formaldehyde (HCHO) exists in various forms. People exposed to HCHO (due to, for example, air diffusion) can cause immediate uncomforting symptoms and highly increased chance to develop cancer. Fitted with built-in HCHO detector, the EdiGreen Home can sense real-time formaldehyde concentration to help people act immediately or lay out preventive actions to reduce harm.

Temperature and Humidity Sensor

The sensors can monitor and display real-time environmental temperature and humidity data. Moreover, they also provide recent changes and historical information. Track indoor air quality and create the most comfortable living environment.

SPECIFICATIONS

NETWORK	
Wi-Fi	IEEE 802.11 b/g/n
Wi-Fi Security	WPA/WPA2
Antenna Type	1 x Internal Antenna

SENSITIVITY	
$PM_{2.5}$ Sensor	0 - 500 µg/m^3 ,min. 0.3µm
PM_{10} Sensor	0 - 500 µg/m^3 ,min. 0.3µm
CO_2	400 - 2000 ppm
TVOC	0 - 1000 ppb
HCHO	0 - 1 mg/m^3
Humidity Sensor	0 - 100%RH, ± 5% RH
Temperature Sensor	0 - 65°C ± 1 °C

APP FUNCTION	
Mobile App	EdiGreen Home
	• Real time Sensor Data: obtain real time $PM_{2.5}$, PM_{10}, CO_2, HCHO, TVOC, temperature and humidity data • Intuitive display of the air quality of each air pollutant • Historical Data Tracking: Hourly, Daily, Weekly, Monthly data of each sensor • Selectable Display: Turn On / Off the LED display using App • Alert / Push: Independent Push Notification setting of each sensor • Provides nearby AI-1001W V2 / V3 sensor data information

OTHERS	
Power Adapter	DC 12V 1A
Operating Temperature	0 - 40°C
Dimensions & Weight	135mm(W) x 135mm(H) x 35mm(D) / 210 g

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