EdiGreen AirBox
Air Quality Monitors

		Indoor			Semi-Outdoor	
		AI-2002W	AI-2003W	AI-2004W	AI-1001W V3	AI-1001W V4
Sensors	PM2.5	V	V	V	V	V
	PM10	V	V	V	-	-
	Humidity	V	V	V	V	V
	Temperature	V	V	V	V	V
	TVOC	V	V	V	-	-
	HCHO	V	V	V	-	-
	CO2	V (eCO2)	V (NDIR)	V (NDIR)	-	-
	CO	-	-	V	-	-
Networks	Wi-Fi	V	V	V	V	V
	NB-IoT	-	-	-	-	V
	RS485	-	V	V	-	-
	BLE	-	V	V	-	-
	Dry Contact	-	V	V	-	-
Operating Temp		0°C~40°C	0°C~40°C	0°C~40°	-10°C~60°C	-10°~60°C

Accessories

Signal Board

Easy visual indication of current PM2.5 / PM10 data and ambient conditions. Works with EdiGreen devices and cloud server.

● Color display with current PM2.5 data
● Humi. & Temp
● -10°C~60°C

Air Circulator

● Efficient at reducing indoor PM2.5 and CO_2 at the same time.
● Enough capacity of air volume : Fresh air $90m^3/h \sim 700m^3/h$.
● Ideal for one classroom (25~30 students) with $700m^3/h$ & house or small office (3~4 person) with $90m^3/h$.

EPA Reports

Compared with other EPA approved equipment, the EdiGreen PM sensor achieved a steady and accurate ratio reading within the USA, Taiwan, Korea and UAE.

Taiwan   USA   UAE   Korea

EdiGreen
Total Air Solution
Breathe Better. Live Better

◎ Maximum performance, actual data rates and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

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www.edimax.com

EdiGreen AirBox

World's Leading Air Quality Solution with Real-time Data

Headquartered in Taiwan, Edimax is a pioneer and expert in creating sensor-to-the-cloud IoT solutions. The EdiGreen Total Air Solution comes with outdoor and indoor options that monitors and manages air quality data in real-time in order to improve the air that you breathe. Such solutions are primarily implemented by the Government, communities and commercial organizations to not only provide quality, healthy air for the masses but also to protect our precious environment.
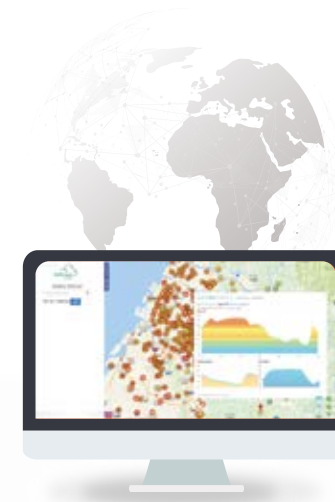
EdiGreen Total Air Solution

The EdiGreen Total Air Solution is designed to bring you a high-quality lifestyle through a complete real-time air quality detection, monitoring, and improvement solution.

Air Detection
A wide range of indoor and outdoor smart air-quality detection devices that provides quick and consistent environmental sensing data over a secured IoT cloud.

EdiGreen App

Air Monitoring
Visualized real-time data is compatible with various displays for different applications, such as mobile apps, PM signal board or kiosk. Fully featured commercial dashboards for easy management and data analysis.

Cloud & Big Data Service
AirBox cloud and big data service will deliver a "Total Air Solution" from air detection, monitoring and air improvement

Air Improvement
Through in-depth, real-time and historical data analysis, air quality can drastically be improved in conjunction with an array of different air circulators.

EdiGreen AirBox

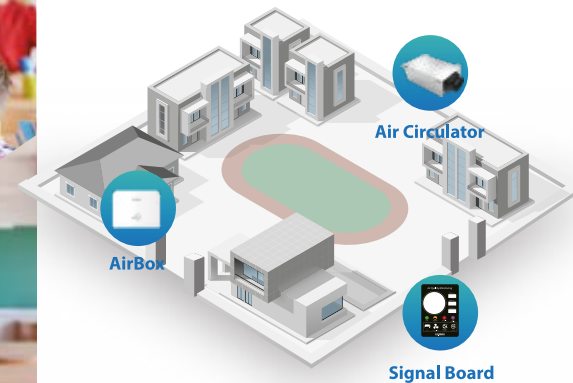## Smart City — Government-led Project

According to WHO, air pollution has become the world's single biggest environmental health risk. For improving air pollution problems, the EdiGreen Total Air Solution has created successful leading experiences to help city governments to improve urban air quality by offering real-time PM2.5 data and cloud services.

School Health Care — Fight Against Air Pollution for Children
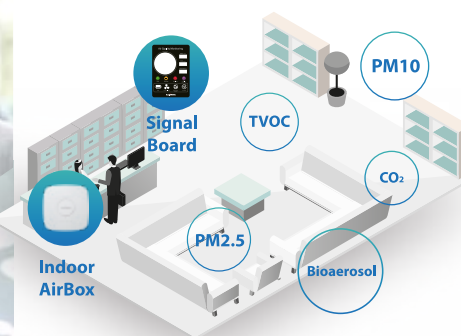
In Korea, the government endorsed and adopted our solution for schools to protect pupils' respiratory health. Edimax works closely with local SI to develop profitable business models by integrating hardware/software development, equipment maintenance, cloud platform, and more. Value-added services such as PM signal boards, air purification system.

Air Circulator
AirBox
Signal Board

Hospital — Indoor Air Quality Improvement

Institutions such as hospitals, health care facilities and nursing homes are often sites exposed to a mixture of air pollutants. The EdiGreen solution provides real-time data of PM2.5, PM10, TVOC, HCHO, CO_2 and ambient conditions to help hospital workers become aware of the indoor air quality. The owner or managers of the hospital can utilize the data to establish a healthy work environment.

Signal Board
PM10
TVOC
CO_2
Indoor AirBox
PM2.5
Bioaerosol

Smart Building — Measuring, Monitoring, and Managing

Works with digital signage, kiosk, and multiple display solutions, the EdiGreen Total Air Solution is ideal for smart building or green building projects. It can be fast deployed in open spaces, offices, hospitals, hospitalities, shopping malls, gyms, and campuses to reveal real-time indoor air quality.