

One of Ten BROAD's Inventions: Air Monitor

Air Monitor enables common people to detect PM2.5 anytime and anywhere possible with a miniaturized device which integrates detectors of dust, carbon dioxide, electromagnetic radiation and ultraviolet ray. Air Monitor is an affordable, portable and convenient tool. The invention of Air Monitor is not merely a technical innovation, but also a revolution of awareness-igniting the Chinese "PM 2.5 Fever". In the near future, checking environmental pollution will become everyone's daily habit. People will move from the "age of consumerism" to an era with "life-conscious awareness" step by step.



	Time	Location
PM 300671-534-21	17-08-03 05:26	Changsha Outdoor
PM 990-9-0	17-08-03 05:25	President's Office Broad Fresh Air Indoor
PM 556006-951-53	17-07-30 07:05	Changsha Outdoor
PM 565-0-0	17-07-30 07:03	President's Office Broad Fresh Air Indoor
PM 40686-139-4	17-07-20 12:12	Changsha Outdoor
PM 494-5-2	17-07-20 12:11	President's Office Broad Fresh Air Indoor
PM 424-5	17-07-16 17:10	President's Office Broad Fresh Air Indoor
PM 21873-138-4	17-07-16 17:08	Changsha Outdoor
PM 163913-297-12	17-07-13 01:18	Changsha Outdoor
PM 492-7-2	17-07-13 01:17	President's Office Broad Fresh Air Indoor

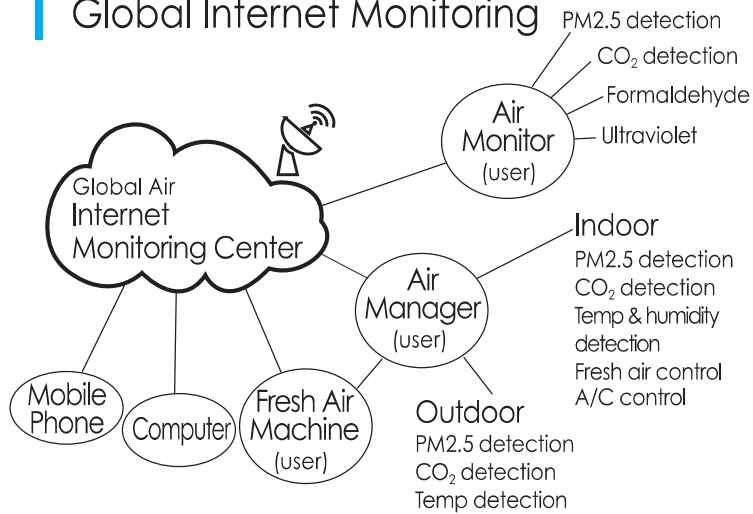
The Importance of Air Monitor to Fresh Air Machine

It is hard to identify air quality without a device. That is why we recommend customers who already have BROAD Clean Fresh Air Machine to purchase BROAD Air Monitor (or detectors of other brands). Five monitors are needed for family with central fresh air system. The user should detect indoor and outdoor air quality at least once a day. If the indoor air quality is not 100 times cleaner than that outdoors, the user should rectify it or seek help from BROAD. Otherwise, the machine will not fully play its purpose due to malfunction, or improperly closed window or doors.

Health Record

It is recommended to check indoor and outdoor PM2.5 once a day and note down the location. Try to save only one or two typical data per week and never keep data without a location, it will weaken your interest to check and compare later on. If 100~200 data is kept every year, you'll have a direct concept of the air you live in after just several years. Compare the changes between the air quality and your health, you'll be surprised to find that BROAD Air Monitor is a health archive of you and your family.

Global Internet Monitoring



The Global Internet Air Monitoring Center located at BROAD headquarters



As an optional device for families, hospitals and hotel rooms, the BROAD Air Manager can monitor and control fresh air and air conditioning.



Zhengzhou



277 times



Skyland Hotel

Average 239 times
in June, 2019

English

Outdoor Qty.
PM0.3-0.5 406572
PM2.5-10 693
Above PM10 21
Qty/L

Weight (µg/m³)
PM2.5 61
PM10 140

Heavy Pollution

Indoor Qty.
PM0.3-0.5 1468
PM2.5-10 0
Above PM10 0
Qty/L

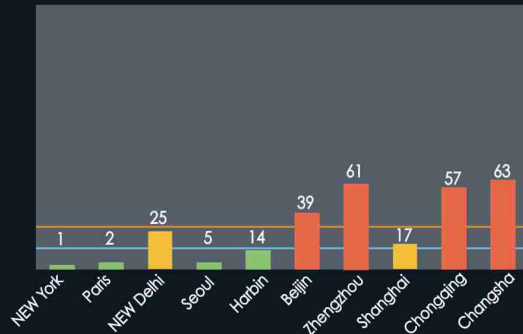
Weight (µg/m³)
PM2.5 0
PM10 0

No Pollution

Indoor CO₂ 440 ppm Normal O₂

Real time global PM2.5 level

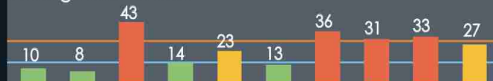
(µg/m³)



Average level (June, 2019)



Average level for 2019



Air monitoring screen is set up prominently in the lobby of each building so that occupants can have clear comparisons of the air they breathe and the air around the world.