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(57) Abstract :
The present invention relates to a system and device for detection of air pollution. The system comprising a housing incorporates sensors (102) to detect the air quality with an alert unit (208) to flash the predefined color corresponding to the determined air quality index (AQI), and send and resend paramters to a system 100 using a computing unit (114) of the device (116). The system (100) is configured to compare the sensed air quality with predetermined air quality index associated with existing location, and determine the air pollution. The system transmits the determined air quality back to the device (116). The device incorporates a display (106), which emit lights of different color corresponding to the determined air quality index. The system (100) dynamically stores the determined AQI data for monitoring and analysis purpose.

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