SenseLife® - Cam

For Cars

Indoor Air quality Monitor

Clean air, No more drowsy driving

Preliminary

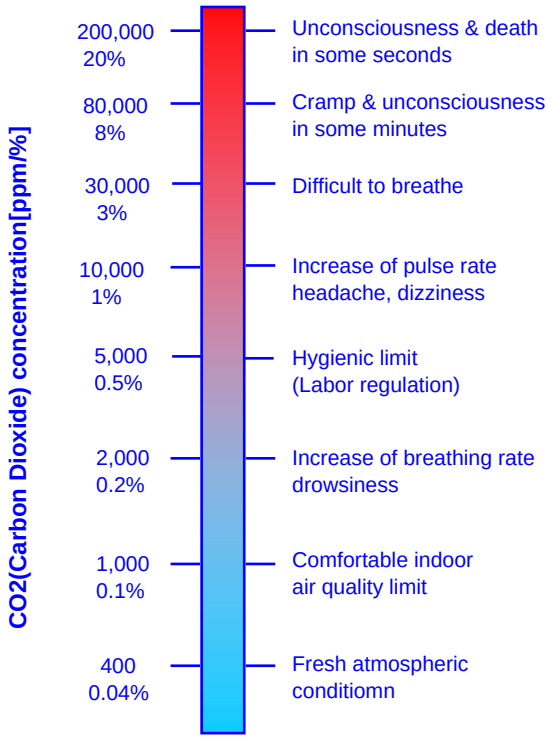
Is Your Car Making You Sleepy ?

CO_2 is the Why

High level of CO_2 concentration, found in small space of a vehicle, is the main reason for drowsy driving. Especially, driving in city centers, where extremely high level of CO_2 exists, makes drivers often experience decreased concentration & increased exposure to car accident. Drvie safely back home with the help of CAM, the guardian angel of yourself, your car & your family.

CAM(Car indoor Airquality Monitor) provides users with real-time data on air contamination level inside a vehicle and other indoor environments also, informing appropriate time for ventilation and assisting users in driving safely in a comfortable surroundings.

How does CO_2 affect the human body?



ASHRAE Standard

ASHRAE : American Society of Heating, Refrigeration and Air-conditioning Engineers

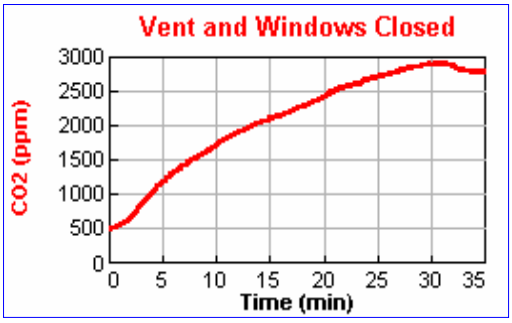
No more drowsy driving !!

Dimension : 90x90x93mm (LxWxH)

Features of SenseLife-Cam

1. Provides differently-colored indication, matching inside CO_2 level & being categorized into three steps(Safe/Normal/Poor) along with numerical data and helps users always keep comfortable indoor circumstances.
2. CO_2 sensor, adopting state-of-the-art NDIR (Non-dispersive Infrared) technology, clearly displays CO2 level on display panel.
3. Displaying Year/month/date/day/time on the panel, it generates increased convenience.
4. Being power-supplied from vehicle cigar socket and USB interface.
5. **Real-time CO_2 level for data logging function by personal computer.**
6. Sensing the CO_2 level, which can't be perceived by human sensing organs & helping users keep its level below 1,000ppm, which is the recommended CO_2 limit of ASHRAE.

Why "CAM" needed in your Car!



This Figure is with only one person in the car !!

SenseLife-CAM is .....

Perfect for vehicles, classroom, study room, livingroom of apartment, kindergarden, offices, meeting room, hospital room, karaoke, banks , underground shopping center, fitness center, sauna, movie theater & other public places to check the air quality inside.

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Patent pending

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Technical Data

General Performance:

Storage Temperature range : -30 ~ 70℃
Operating Temperature : -5 ~ 60℃
Operating Humidity range : 0 to 95 %RH(non-condensing)
Operating Environment : Residential and commercial spaces
Conformance with standards : ROHS directive 2002/95EG

Electrical data:

Power input : DC 5V
Current consumption : 60mA average,
<500mA peak current (~20ms)
Data logger function : USB port of personal computer
Warm Up time : 30 sec

CO_2 Measurement:

Sensing method : non-dispersive infrared (NDIR) waveguide technology with ABC automatic background calibration algorithm
Sampling Method : diffusion
Measurement Range : 0 - 10,000ppm
Display : 4 Digits, 7 segments LCD with ppm indicator
Measurement interval : 2 seconds
Precision : ±75ppm + 5% of measured value
Warm Up time to spec precision : 30 sec

Adaptor(CE):

Power input : AC110/220V, 50/60Hz
Output : DC 5V 1000mA

Cigar Jack-DC to USB Adaptor(CE):

Power : DC12V to 5VDC 500mA

Accessories :

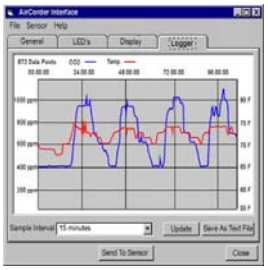
USB Adaptor : 110VAC/220VAC/50Hz/60Hz to 5VDC
USB Cable : 5Pin 1m
Cigar Jack : 12VDC to 5VDC 800mA
Data Logging Program : PC soft ware can downroaded at www.senselife.kr
User Manual : in the packing box

Data Logger Function

Real-time CO2 level for data logging function by personal computer.

Easy to use!!

Main window



Data Application

No more drowsy driving !!

Perfect on dash board

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