

SenseLife - Cam

For Cars

Indoor Air quality

Is Your Car Making You Sleepy ?

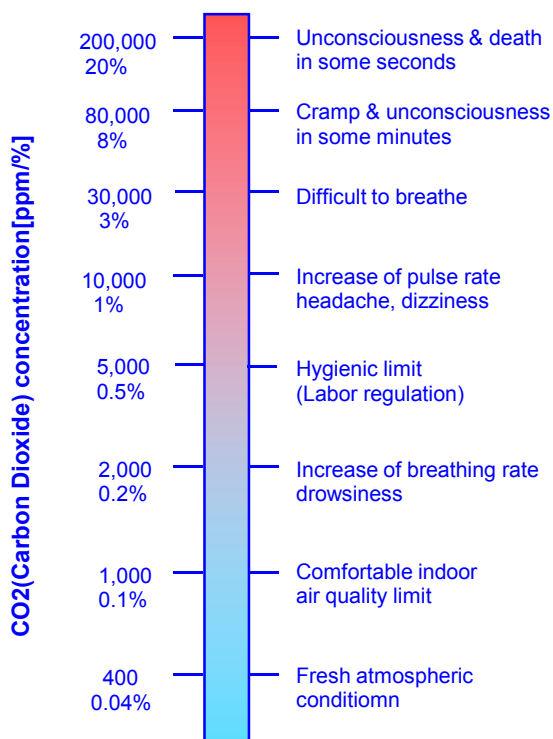


CO₂ is the Why

High level of CO₂ 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 CO₂ exists, makes drivers often experience decreased concentration & increased exposure to car accident. Drive 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 CO₂ affect the human body?



ASHRAE Standard

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

No more drowsy driving !!

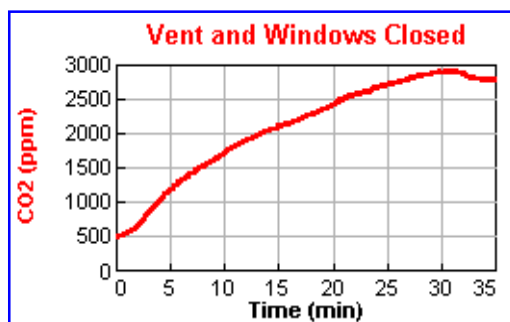


Dimension : 90x90x93mm (LxWxH)

Features of SenseLife-Cam

1. It provides differently-colored indication, matching inside CO₂ level, being categorized into three steps(Safe/Normal/Poor) along with numerical data and helps users always keep comfortable indoor surroundings.
2. CO₂ 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, USB cable and AC adaptor
5. **Data logging function of Real time CO₂ data by personal computer.**
6. Sensing the CO₂ level, which can't be perceived by human sensing organs & helping users keep its level below 1,000ppm, which is the recommended CO₂ limit of ASHRAE.

Why "CAM" is necessary 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.

SenseLife - Cam

For Cars

Clean air, No more drowsy

Indoor Air quality

Technical Data

General Performance:

Storage Temperature range : -30 ~ 70°C
Operating Temperature : -5 ~ 60°C
Operating Humidity range : 0 to 95 %RH(non-condensing)
Operating Environment : Residential &
commercial areas
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

CO₂ Measurement:

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

Adaptor(CE):

Power input : AC110/220/230V, 50/60Hz
Output : DC 5V 1000mA

Cigar Jack-DC to USB Adaptor(CE):

Power : DC12/24V to DC5V, 1,000mA

Accessories :

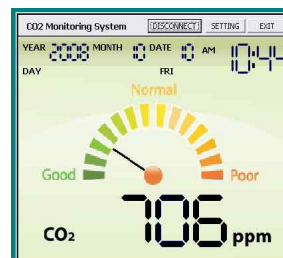
USB Adaptor : 110/220/230VAC/50/60Hz to 5VDC,1A
USB Cable : 5Pin, 1m
Cigar Jack : DC12/24V to DC5V, 1,000mA
User manual
Data Logging Program : Programs can be downloaded at
http://www.hana-eng.com/eng/eng_monitor03.asp



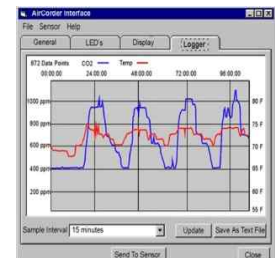
Data Logger Function

Data logging function of Real-time CO₂ level
by personal computer.
[USB Cable connection]

Easy to use!!



Main window



Data Application

No more drowsy



Perfect on dash board