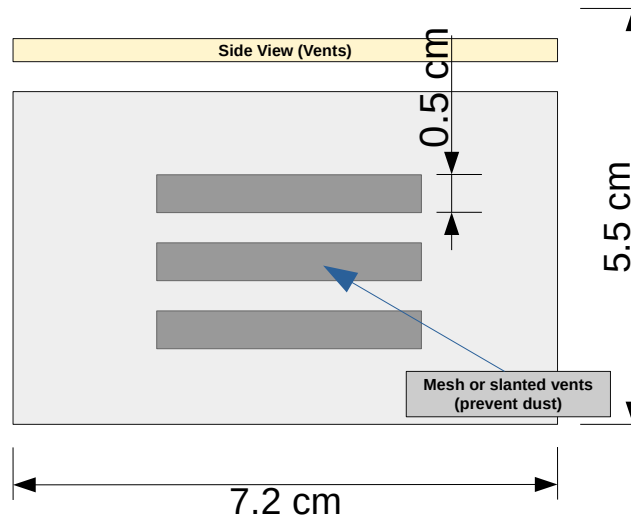
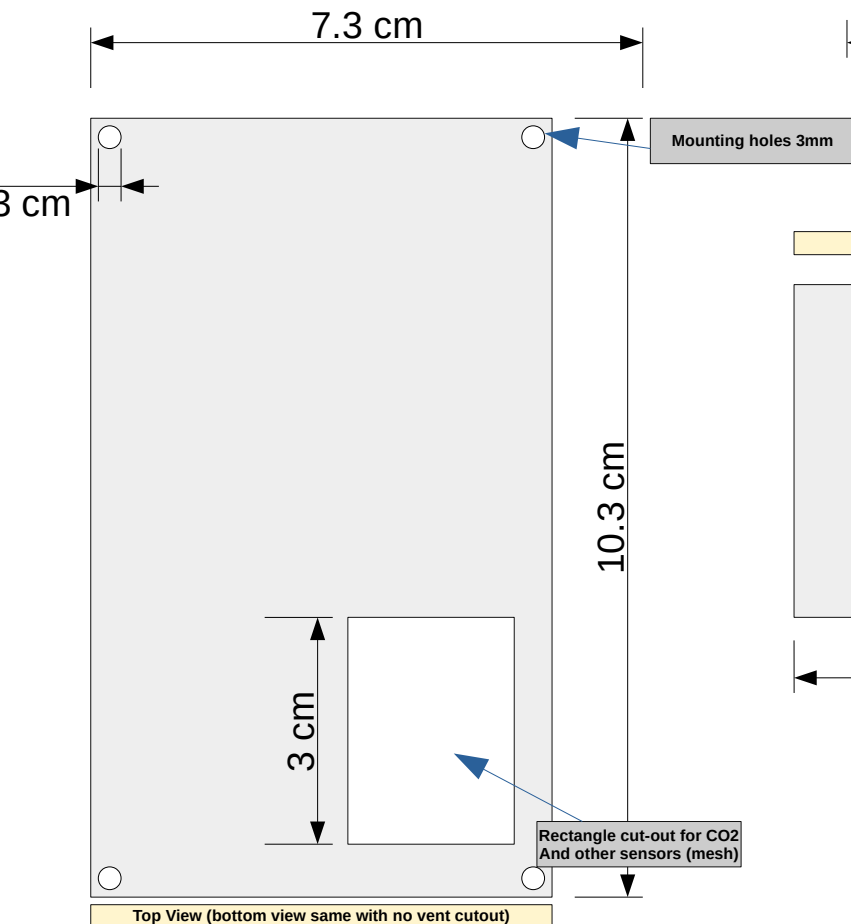


NOTE:
This is only a prototype which means that the 2D and 3D models are not to scale and could change at any time. The design considerations are only estimations, this design assumes a ESP32 is used or a custom PCB manufactured to fit a certain dimension.

16x2 LCD Cutout

Micro B USB Port
(needs mounting bracket
or fixed to PCB)



ABOUT DEVICE
This system is designed to be small while looking clean and allow for accurate readings. If the whole system is enclosed with minimal openings, the temperature and CO2 readings will be incorrect.

CONSIDERATIONS
Plastic build is the cheapest as moulds can be easily made for rectangular enclosures. Main concern is whether it is going to be an ESP32 or a custom made PCB (see report for more details.) Also, it's worth mentioning that *metal* enclosures won't be good as it will affect the Bluetooth signal and it needs to be milled.

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