

# **EnGood Engine Monitor**

## **Dimensions specification sheet**

Rev1.0

May 2023

EnGood engine monitor consist of two parts:

- EM-01 control module
- Engine Monitor display

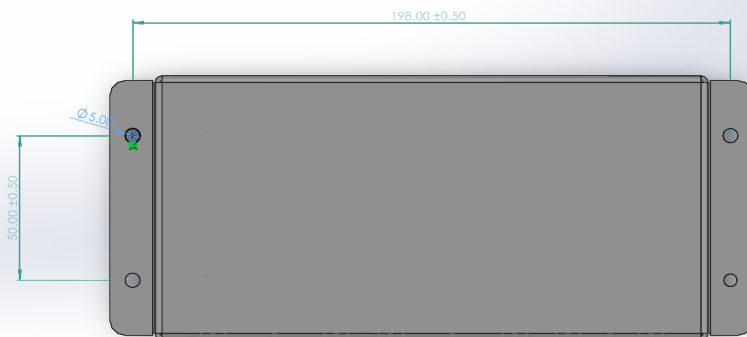
In case if Engine Monitor is planned to use with EFIS such as ELM-1000 the Engine Monitor Display is not required because all information from EM-01 control module is available via EFIS ELM-1000.

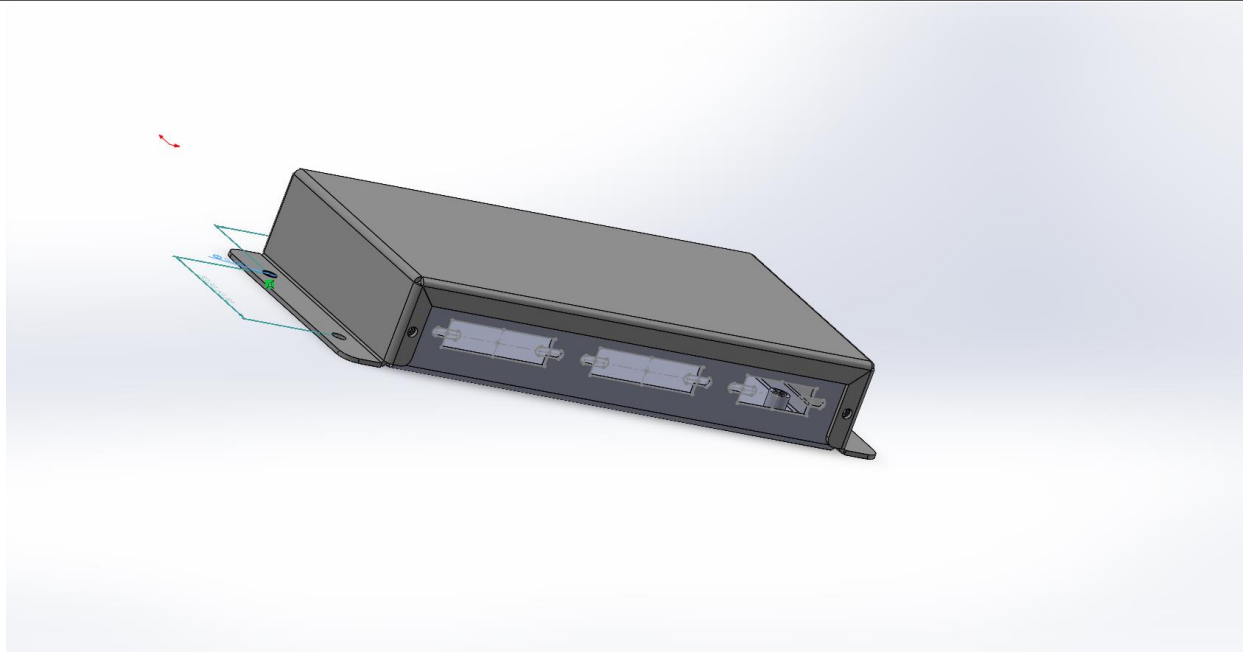
All dimensions are given in Millimeters (mm).

EM-01 control module mounting holes spread: horizontal 198mm and vertical 50mm.

In total there are 4 mounting holes. Each holes diameter is 5mm.

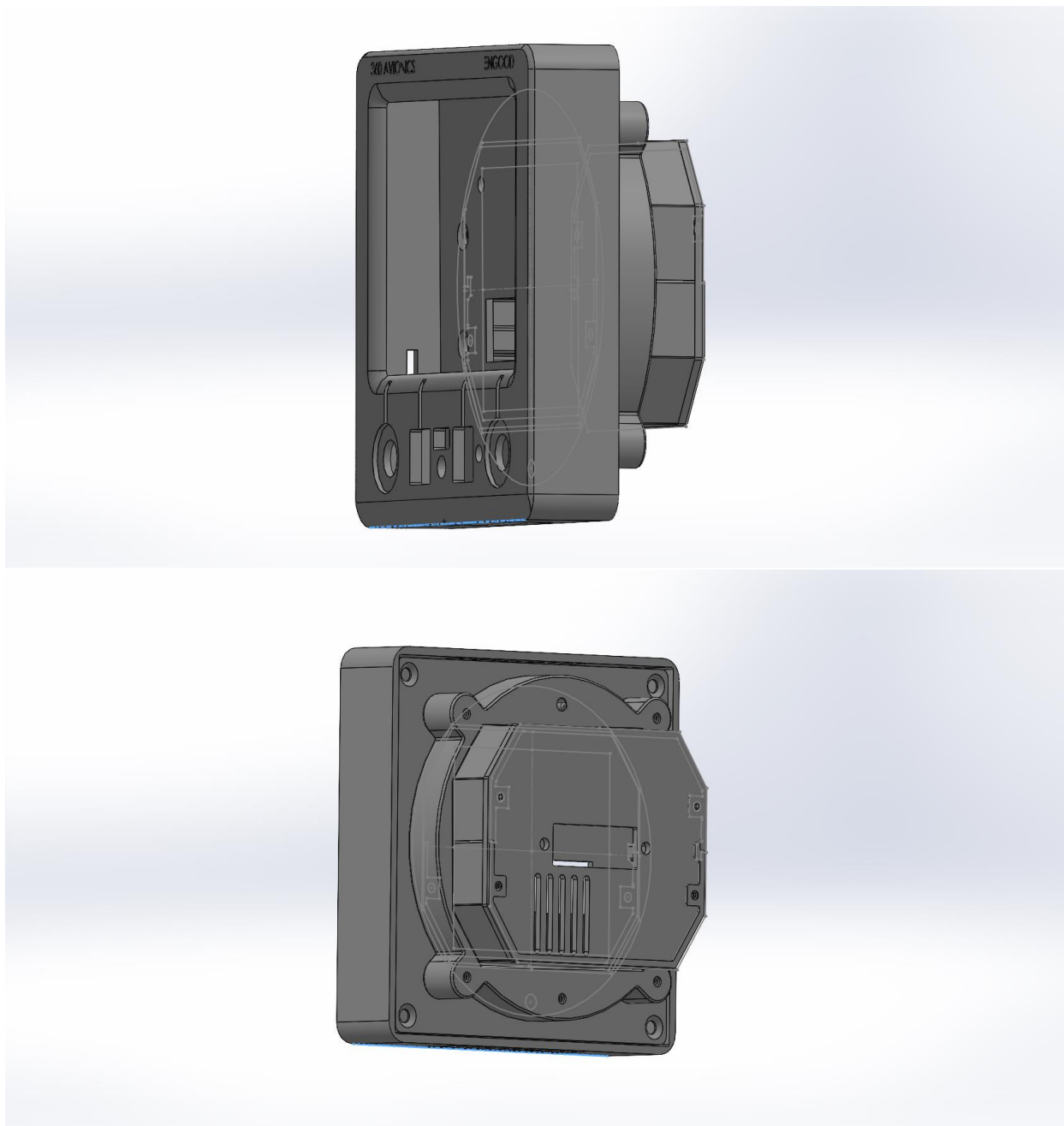
Important: Please allow at least 85mm of clearance with other parts in the front of the module for connectors and wires.

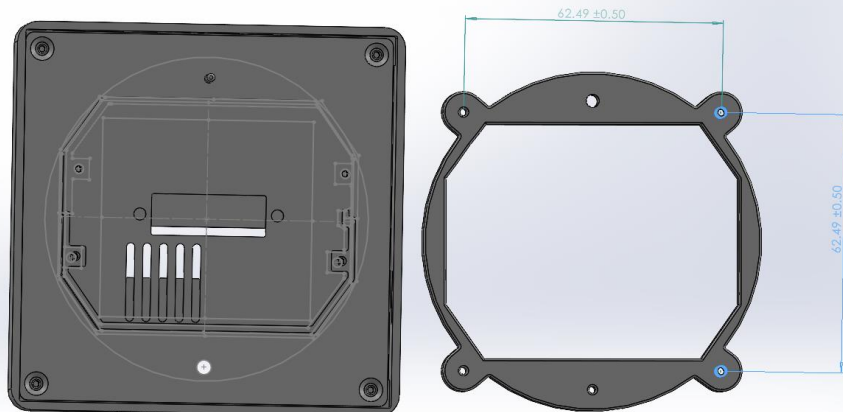
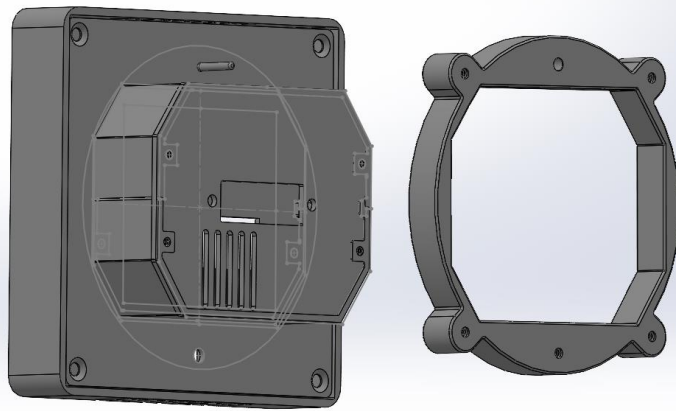




Recommended mounting hardware is: #6-32 bolts It is preferable to have a nut plates installed in the panel to simplify installation and removal of the EM-01 module.

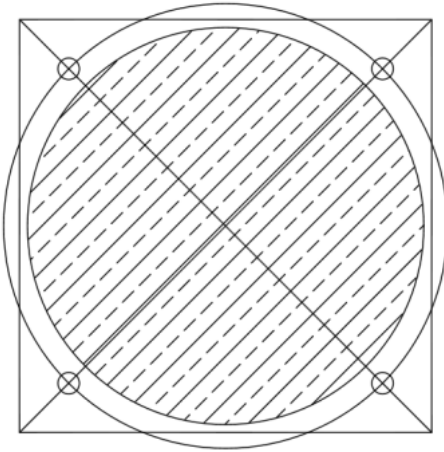
Engine monitor display consists of two main parts: display assembly and mounting bracket. It is designed to fit in to standard aviation 3.125" panel opening.





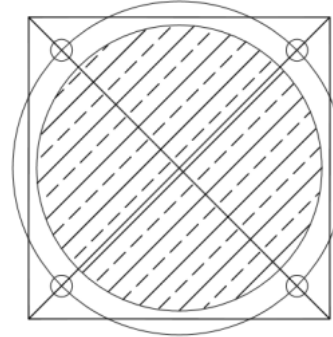
There is a connector in the back of the Engine Monitor display so it is recommended to have at least 120mm of clearance with other components between rear wall of the monitor.

Mounting bracket for Engine Monitor display has four threaded holes in the corners. Thread size is 6-32. It will fit in to standard aviation 3.125" panel opening.



3 1/8 (80mm) Instrument Hole

1. Draw a 3.25" X 3.25" Square
2. Scribe 2 diagonal lines corner to corner
3. Using the center of the lines, scribe a 3.5" diameter circle.
4. At the intersection of the diagonals and the 3.5" dia circle drill 4 holes to clear #8 screw (.170" dia.)
5. Using the center of the diagonal lines cut a hole with a hole saw 3.125" dia.



2 1/4 (57mm) Instrument Hole

1. Draw a 2.375" X 2.375" Square
2. Scribe 2 diagonal line corner to corner
3. Using the center of the lines, scribe a 2.625" diameter circle.
4. At the intersection of the diagonals and the 2.625 dia circle drill 4 holes to clear #8 screw (.170" dia.)
5. Using the center of the diagonal lines cut a hole with a hole saw 2.250" dia.