

DATACELL IE - BATTERY MONITORING SYSTEM

DataCell 1 continuously monitors battery voltage and state of charge (SoC) for up to four separate battery banks simultaneously, allowing a vehicle commander to see at a glance exactly how much power they have at their disposal for operating critical electrical equipment such as communications, counter measures and weapons systems.

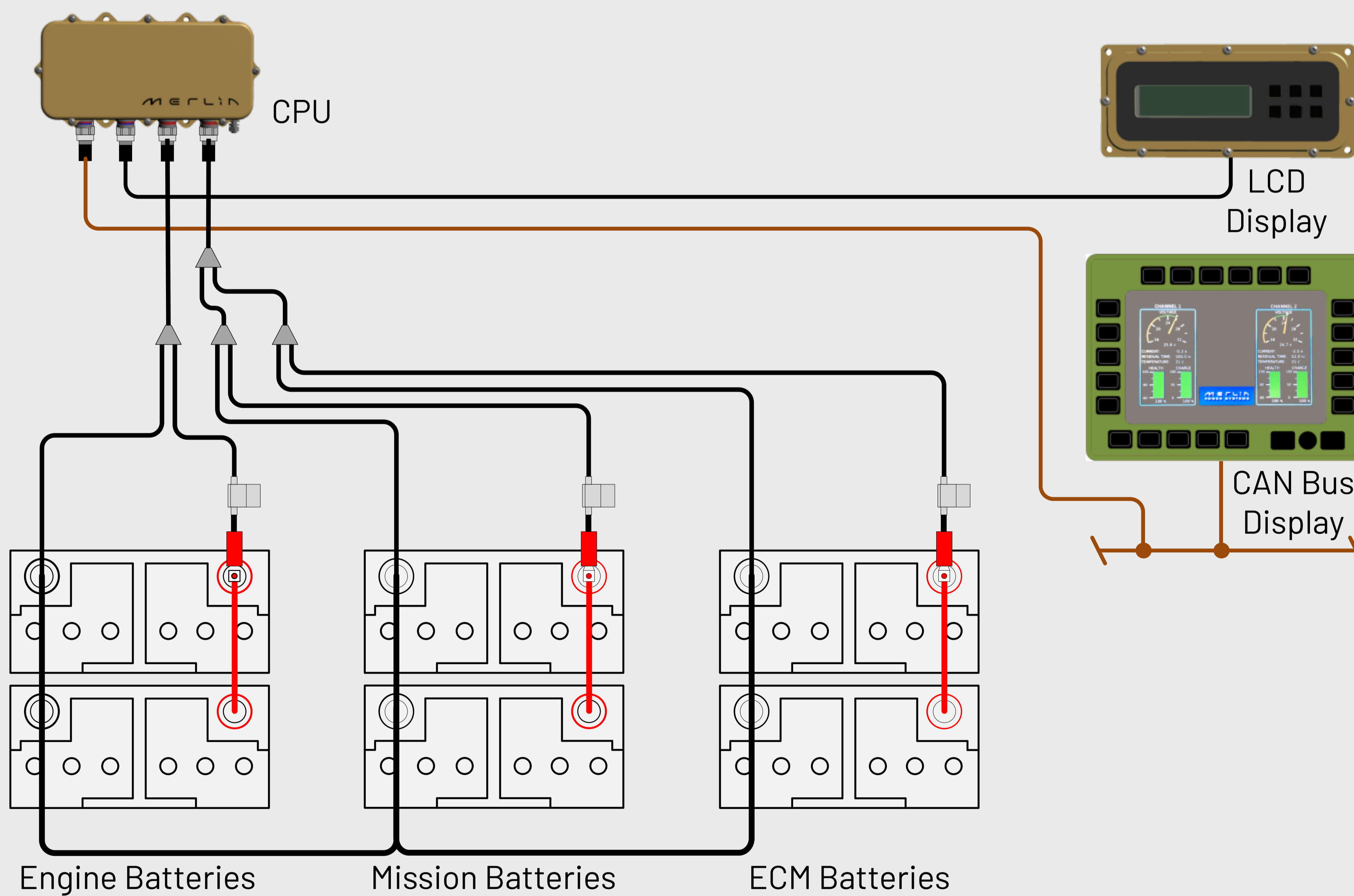
Information can be viewed either on a dedicated night vision goggle compatible LCD screen or broadcast onto the vehicles' CAN Bus network and portrayed graphically on a third party multi-function display.

DataCell 1 is easy to install requiring only a positive and negative connection to each battery or bank of batteries it is monitoring.

- **Suitable for up to 4 battery banks**
- **Monitors voltage and state of charge (% remaining)**
- **Saves money on battery replacements** by avoiding over discharge
- **Allows key tactical decisions** to be made based on a knowledge of the vehicles' remaining energy reserves
- **Designed to Military Specifications**

Installation Example:

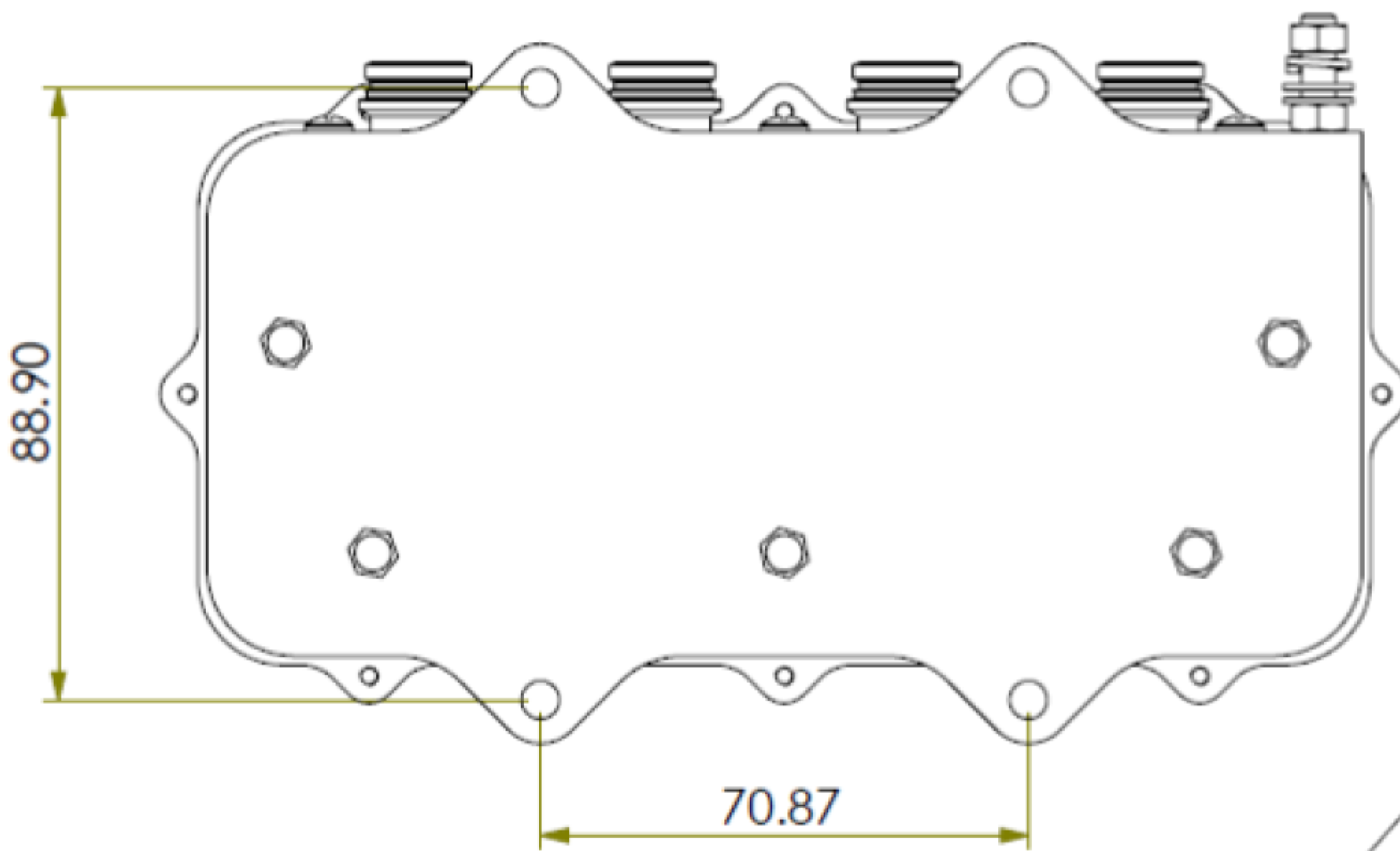
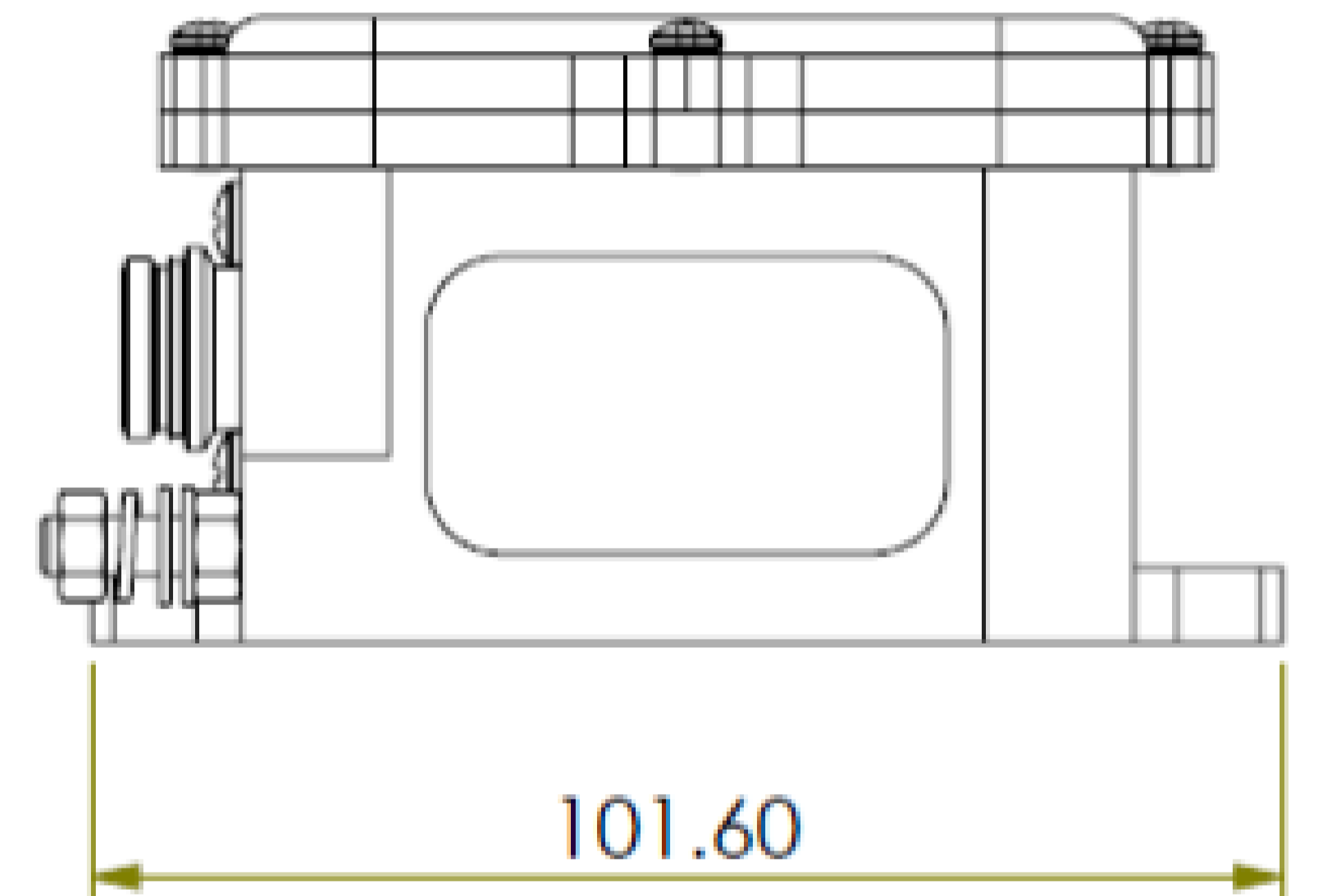
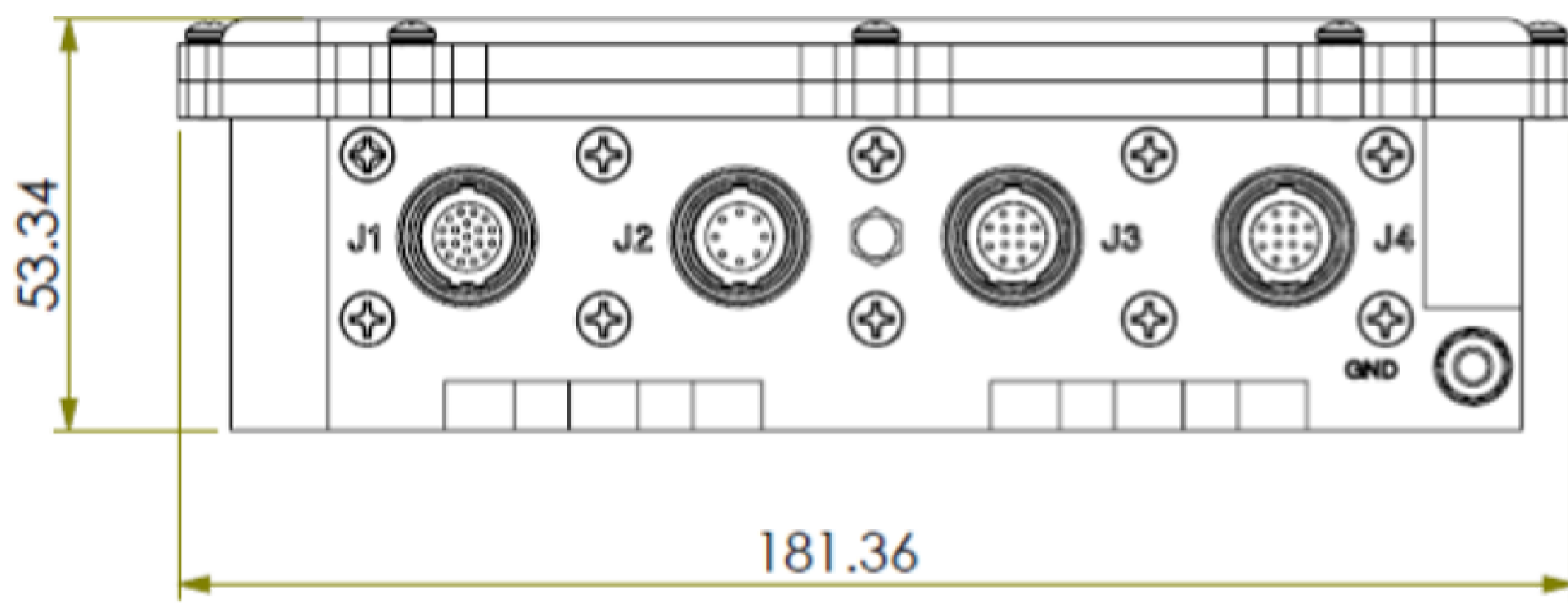
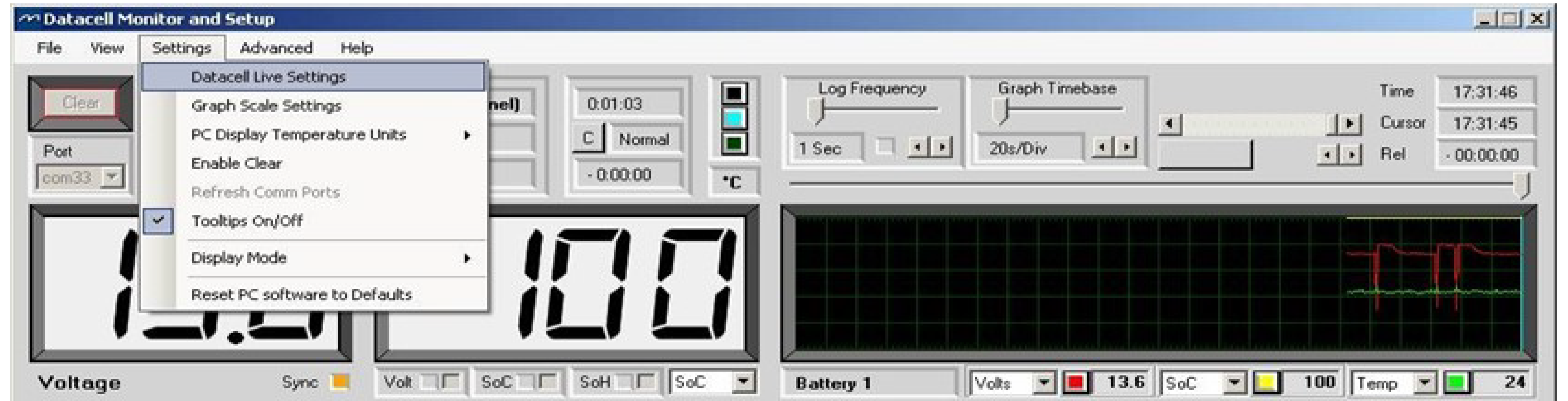
The overview below shows a three battery bank installation and DataCell 1 connected to both its own LCD display and to a vehicle CAN Bus network.



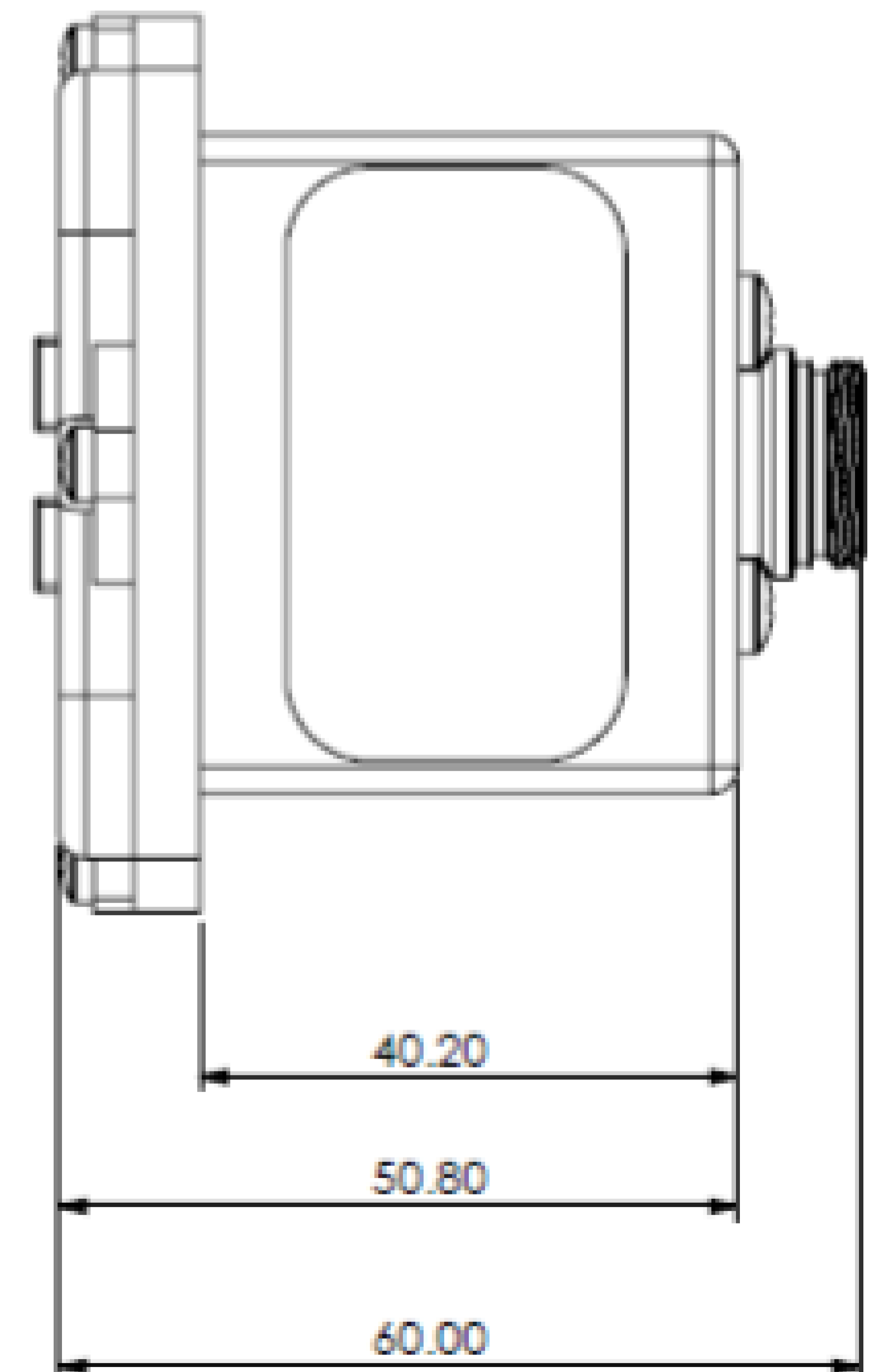
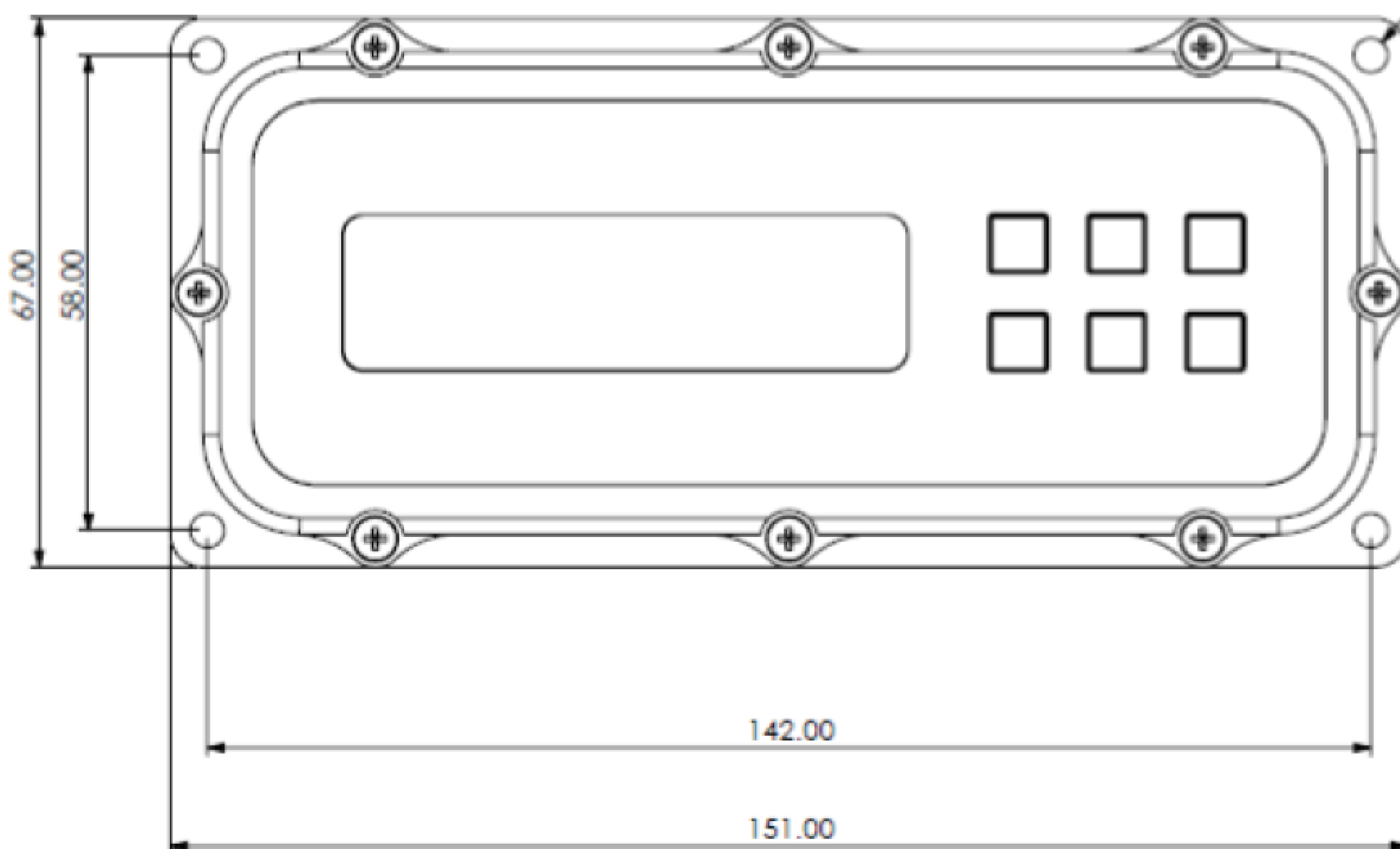
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Software:

DataCell 1 is supplied with windows software allowing user configuration and real time monitoring and datalogging.



Ø 4.20 TYP
4 PLCS



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