Problem Statement:
The US Marine Corp needs a sophisticated understanding of the battlespace around them. Using rapidly deployable sensors to provide timely and detailed information this can aid a Commander’s decision-making. This project is a Phase II project which will expand on the design of ARGUS I.

Use Case:
The system will be powered on and launched into a battlespace. Multiple sensors will collect audio, video, and seismic activity which will then be analyzed. Data can be collected for up to 3 days to provide a full understanding of the space around the sensors.

Detection Range:
Motion Sensor Range (Within 10 ft)
Microphone Range (At least 5 ft)
Seismic Sensor Range (At least 2 ft)
Camera (Max 4 ft)

3D CAD and Exploded View:

System Level Diagram:

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