

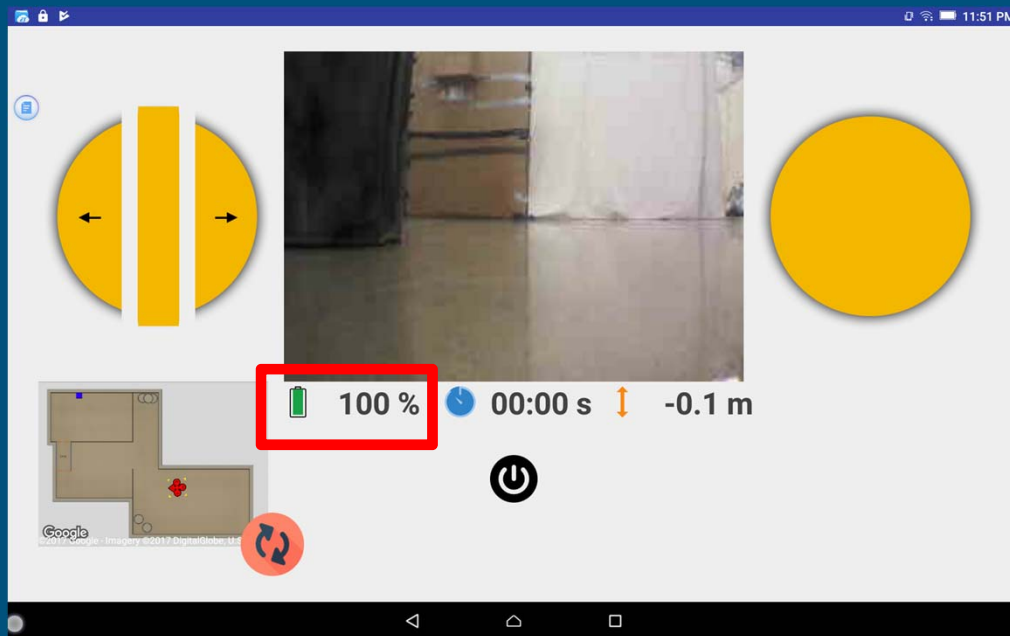


Module 6

Guidelines for Safety and Emergency Handling

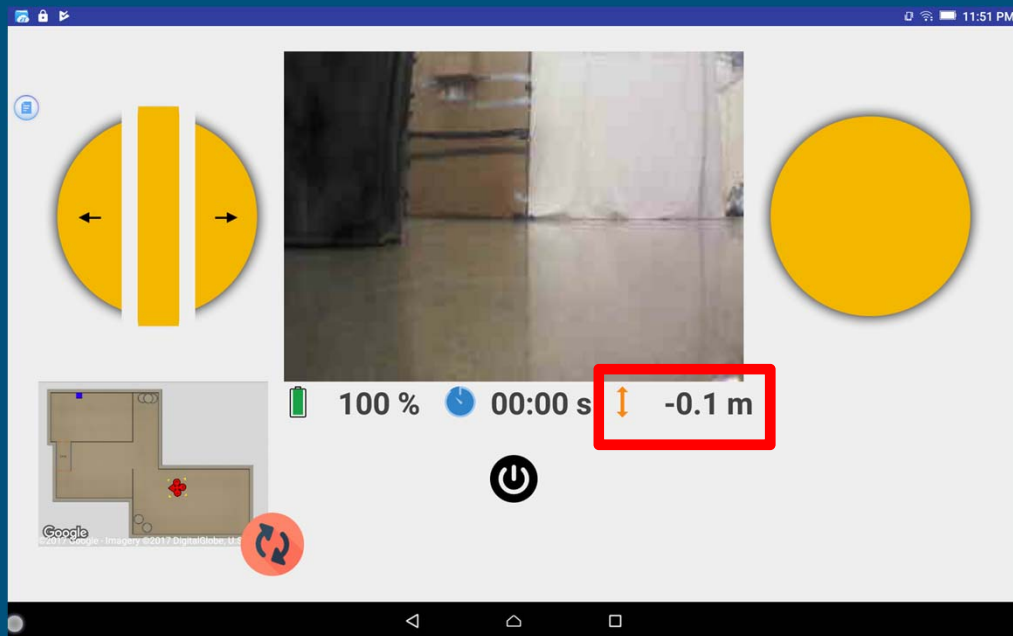


Manual Control App – Battery Status Check



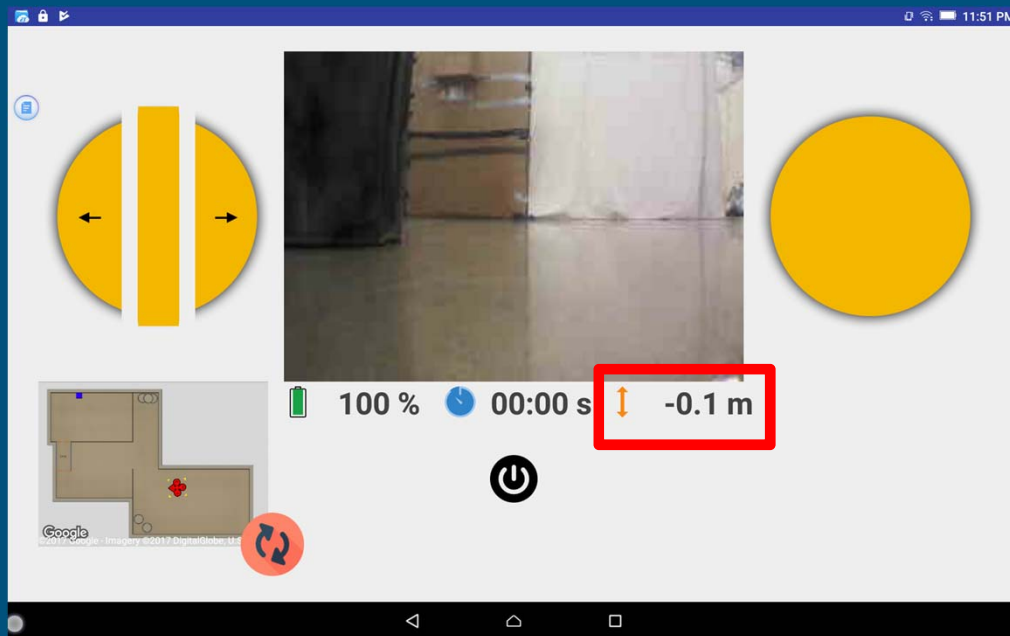
- You can check the battery life in the status bar
- If the charge falls below 20%, please land the drone immediately and notify the supervisor, otherwise the drone might behave unexpectedly.

Manual Control App – Altitude Control



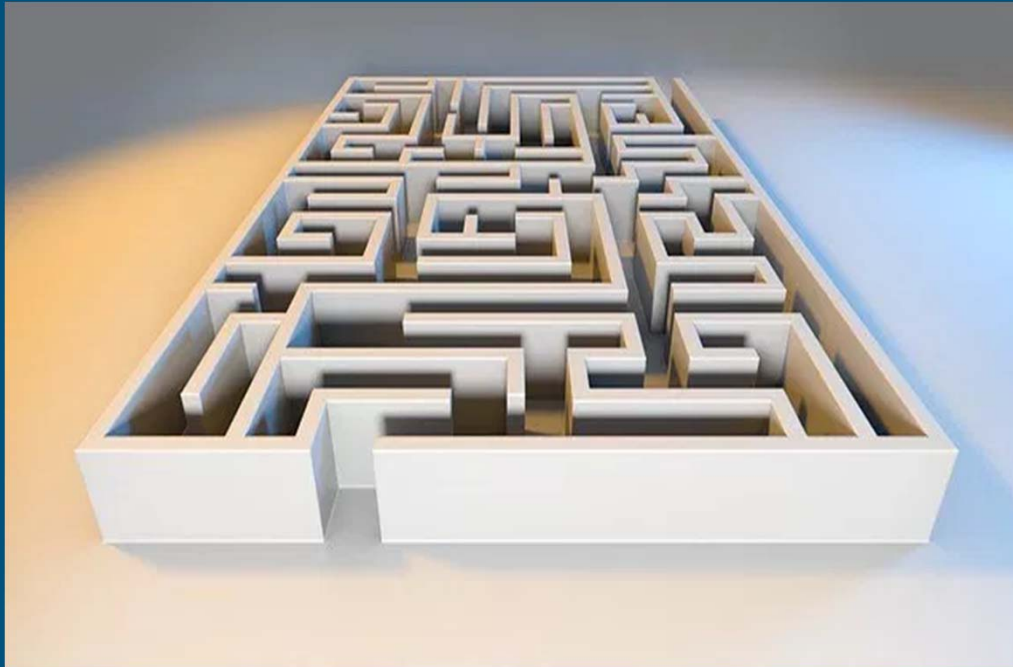
- You can check current altitude through the altitude indicator.
- While navigating the drone, you may freely adjust the altitude.

Manual Control App – Altitude Control



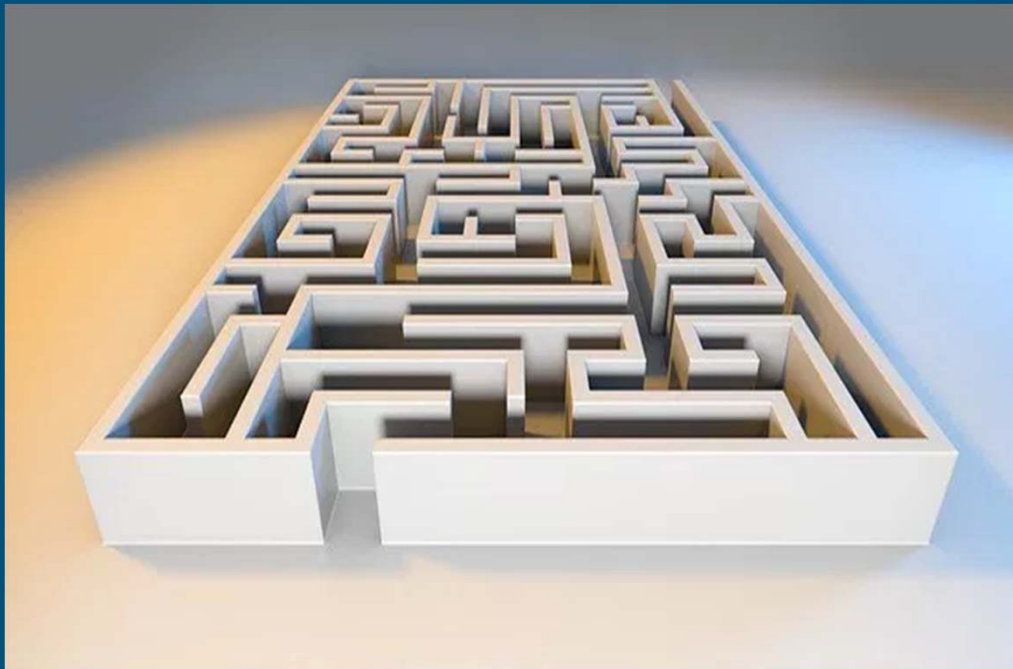
- But keep in mind that you are flying the drone indoors in a limited space.
- We advise you to stay between 0.0 – 2.2 m.

Manual Control App – Avoiding Obstacles



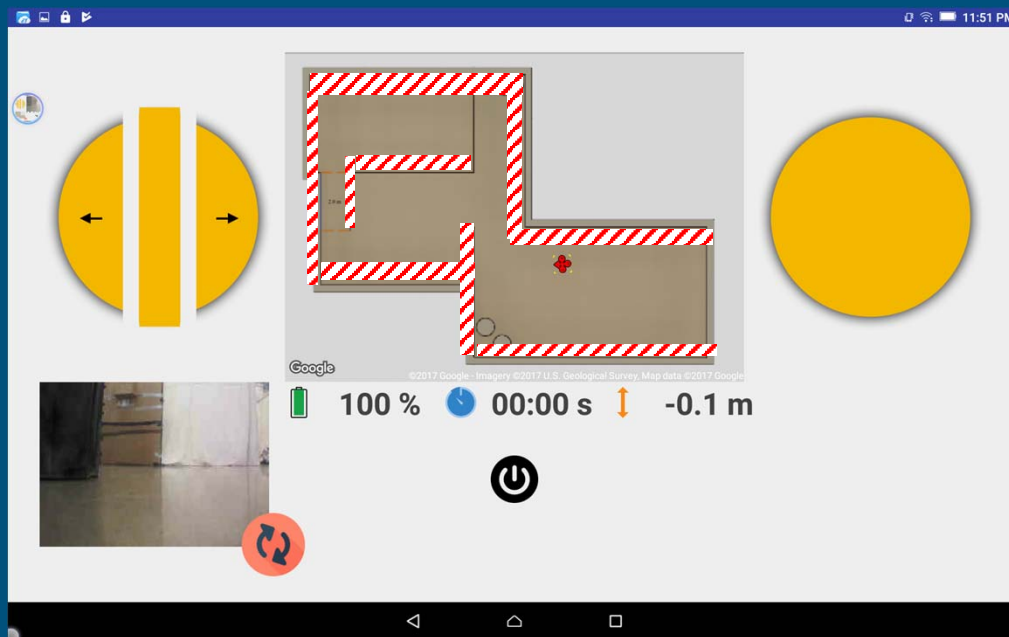
- **While navigating the drone, you may also freely choose and set your own path.**
- **However, please do not attempt to crash into any obstacles on purpose.**
- **Crashing will result in the failure of the mission.**

Manual Control App – Avoiding Obstacles



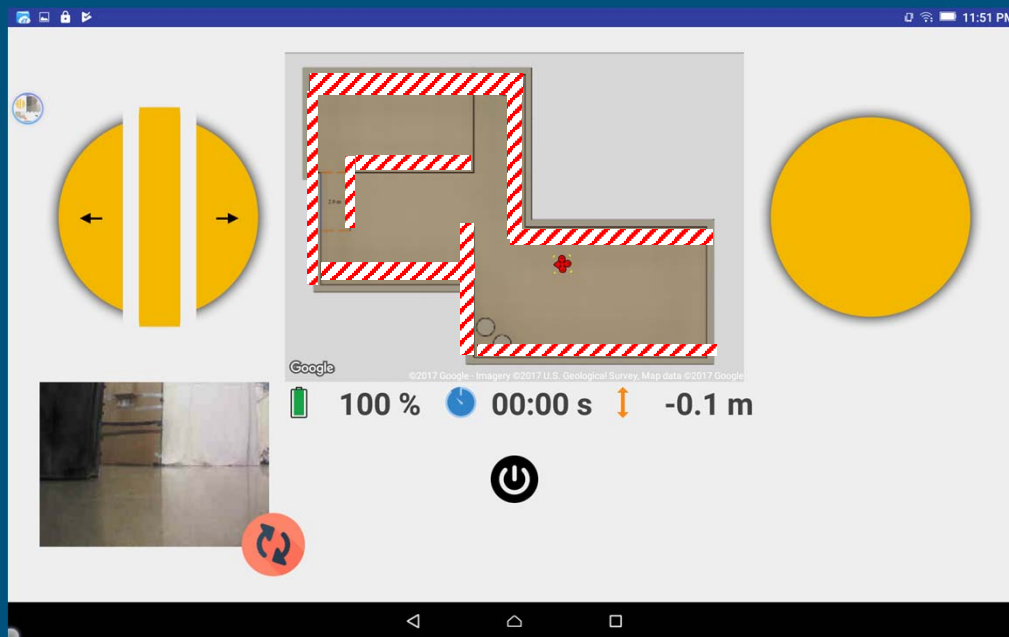
- It is up to you as a UAV operator to avoid visible obstacles as best as possible.
- Be patient, take your time to look around with camera, and find a suitable path.

Manual Control App – Collision Avoidance



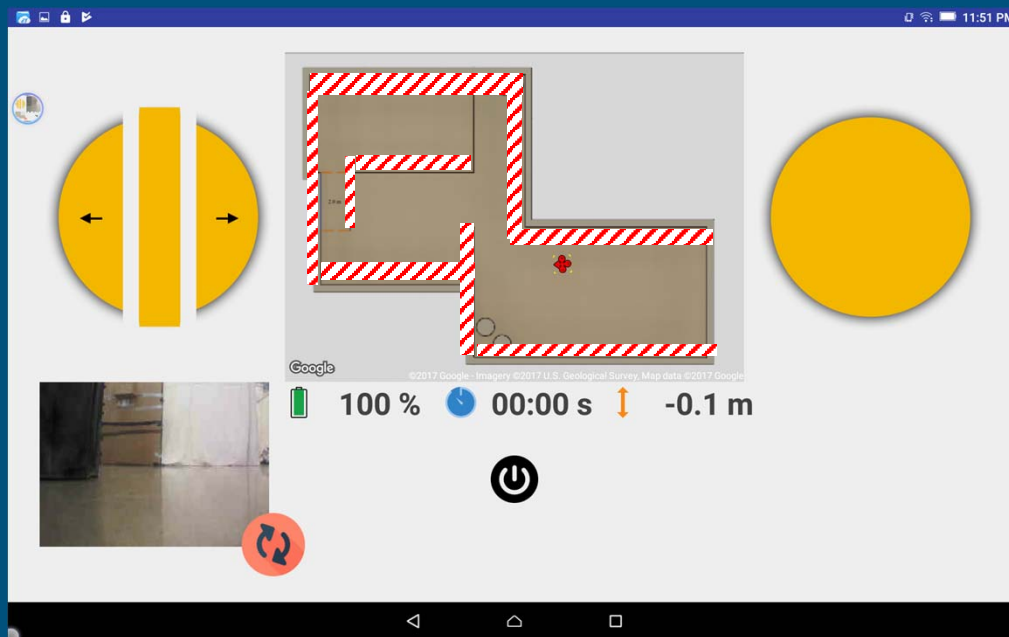
- The drone is equipped with a simple obstacle collision avoidance system.

Manual Control App – Collision Avoidance



- If the system is triggered, your drone will start moving slowly. However, it will not completely stop the drone from hitting obstacles.

Manual Control App – Collision Avoidance



- Also, the collision avoidance system may not detect obstacles that are not shown on the map
- Again, it is up to you to avoid obstacles.

Emergency Situations

- **The flight shall be suspended in any of the following situations:**
 - **The camera feed malfunctions.**
 - **The drone malfunctions.**
 - **The drone is damaged.**
 - **The battery falls below 20%.**
- **At any point, you may voluntarily stop the experiment by notifying the supervisor.**

Congratulations !

End of Final Module