

Micro-mouse Troubleshoot

Q1. Can I use Qu-bot for Micro-mouse competitions?

(A1) For micro-mouse the Qu-Bot size is of very big. Also it is having a few limitations in visual programming e.g. arrays, pointers etc.

However for big size mazes you can surely use it using embedded c programming.

Q2. What problems will I face if I use Qu-Bot for micro-mouse?

(A2) Using Qu-bot for micro-mouse will have following limitations –

- a. Size of the Qu-bot is quite big.
- b. Face problems while turning the Qu-Bot.
- c. Sensors detect obstacle from a distance of approx. 8-10 cms. I.e. average range.

Q3. Usual size of a micro-mouse maze is 18cm by 18cm. If I manage the turning of the Qu-bot within the maze, can I change sensor range?

(A3) Qu-Bot sensors are digital in nature and they cannot provide analog values. You can separate or keep the IR LEDs and photodiodes a bit close to change their range.

Also refer Sensor Troubleshoot for more details on Sensors.