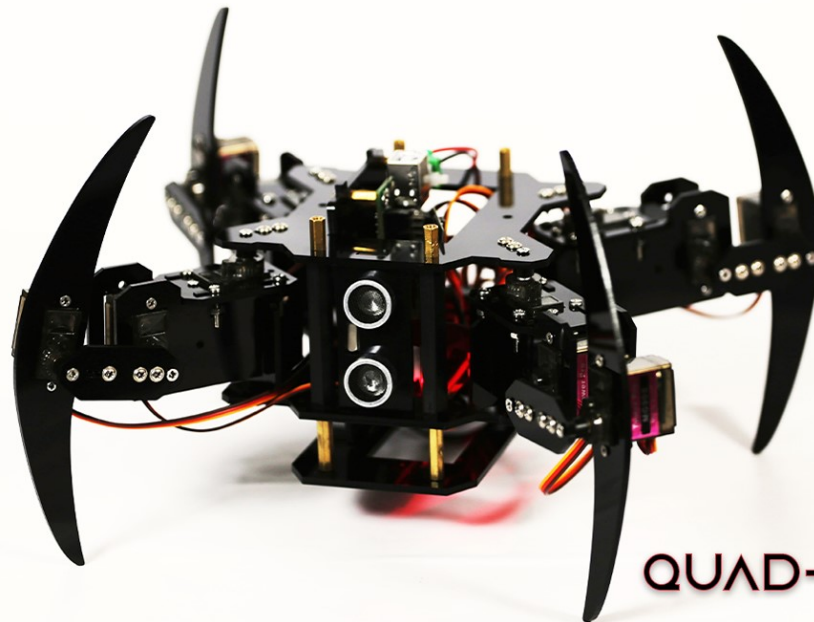


PRODUCT CATALOGUE-2



- **Quad-Robot is 12-DOF multifunctional Legged DIY Educational Robot. The robot mainly designed to understand the concept of legged Robot basics. The Robot is fully programmed using open source platform Arduino IDE**
- **YOI-QUADBOT is one type of multi-legged robots.**
- **YOI Arduino UNO board is used as the core control board for this kit, and a YOI 32 Channel PWM Driver board for control of 12 servos inside. YOI - QUADBOT has 12 degrees of freedom.**
- **This will mimic animal walking gait and they have certain advantages like walking on terrain and extremely rough surfaces.**
- **Obstacles can impede the movement, where a quadruped can adapt to avoid obstacles by adjusting its direction.**



- **YOI-HEXABOT is one type of multi-legged robots. The design of this robot is derived from insects in nature, especially Principles of their movement.**
- **YOI Arduino UNO board is used as the core control board for this kit, and an YOI-16 Channel PWM Driver board for control of 13 servos inside.**
- **YOI-HEXABOT is of two variants with 13 and 19 degrees of Freedom.**
- **This robot is inspired by nature to thrive in the real-world. Agile, smart and compact.**

The package consists of

- Experiment manual soft copy provided
- Assembly materials
- Yoi electronic control board
- High quality actuators
- Rechargeable Batter

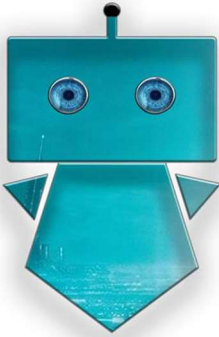
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Services

- Training and Instruction (Assembly, Construction and Programming).
- Technical Support- Available at all working Days' time **9:30 A.M -5:30 P.M**

Warranty

- 1year- warranty for all electronic Micro-controller board



Yoi

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