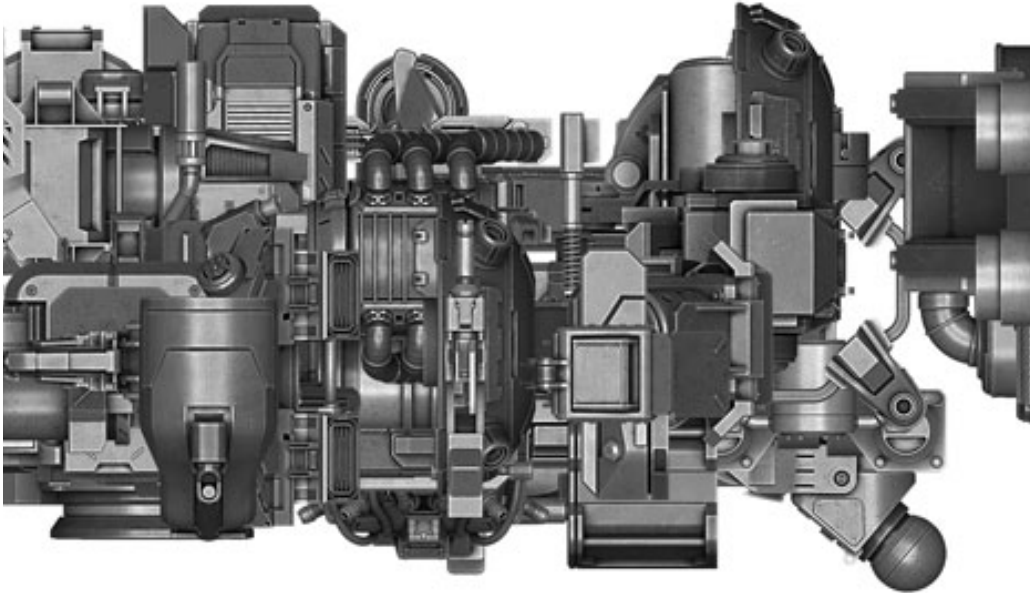


# Motion Controllers

Robotics, Motor control, Stepper and Servo systems



## Axis motion control via trusted apps

Accurate and precise motion trajectories

Industrial process control continues to become more automated and robot motion begins to find its applications in performing house chores. Applications demand greater flexibility, accuracy and speed. And Ioteach continues to invest in the development of finest motion control systems and solutions to meet pressing requirements, whatever the industry or the application. We strive to provide the necessary scalable solutions, innovative systems, integrated motion controllers. We deploy off the shelf drives and motors from leading manufacturers and supplement hardware with our motion control API to deliver the most challenging motion control projects.

1

### ALL MOTION TYPES

Robotics, AC/DC motor, Stepper and Servo control

2

### MULTIAXIS

Achieve multi-axis synchronisation control.

3

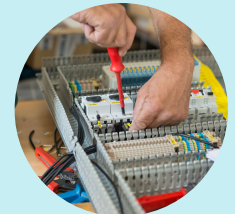
### SAFETY AND RELIABILITY

Achieve up to SIL-3 safety integrity



#### Consultation

We are trusted to bring inventive solutions to complex technical challenges



#### System Integration

Our solutions range from hand-held systems to full turnkey solutions.



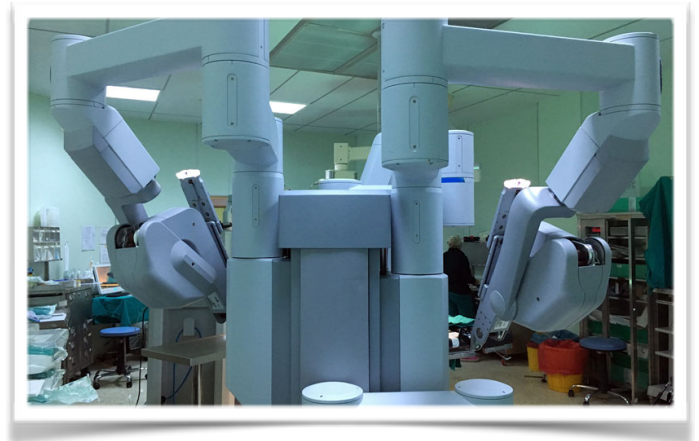
#### Support

Ioteach staff and Thames Community are available if needed. Please visit our website for more information.

# Product data sheet

Deployment as desktop, laptop or industrial control panel installation for all environmental and climatic conditions.

- Robot control from industrial robots, medical robots to house chores robots.
- Advanced multi-axis motion control via servo control systems.
- Stepper control to achieve precise and small movement of the axis.
- AC and DC control for production and manufacturing industries.
- PID controls for analogue based control applications e.g hydraulically driven load rams.
- Implement machine vision, sensors measurements and motion control on a single electronic controller.
- Design custom motion profiles and torque/velocity/position control loops.
- Custom development of Motor control drives for automotive and aerospace applications.



## Order Procedure

You are entitled to receive full design and engineering consultation service using our Consultation Package. Proceed and click Add to Cart to make swift payment online. We would follow up with Requirement Questionnaire that we send to email address registered with us. We review your submitted response and then call you or email back with full design architecture including all components-hardware and software. We would also submit estimated quotation for Motion Controllers to meet your objectives. We are available via email and phone so please do not hesitate to contact us should assistance is required with your order. We look forward to working with you.

### FURTHER INFORMATION

Website: <https://www.ioteach.co.uk>

Call us :+44(0)1223 967235

Email us: [office@ioteach.co.uk](mailto:office@ioteach.co.uk)

