

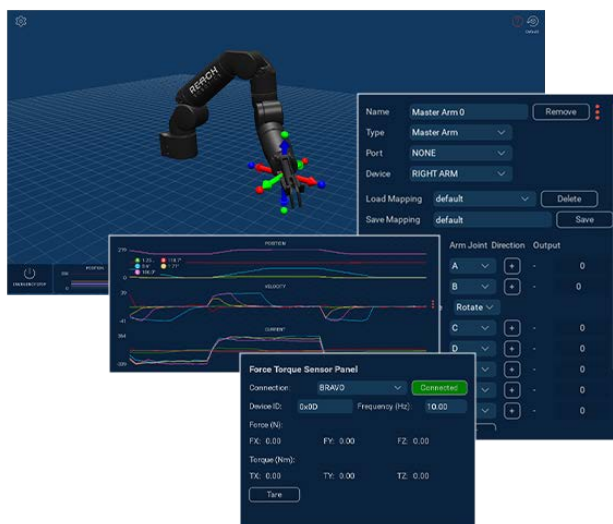
REACH CONTROL

An advanced HMI software to control robotic manipulators and customise operation

Reach Control software is an intuitive human-machine interface (HMI), custom designed to work with Reach Robotics manipulators, Master Arm controllers and Command Pods. It offers users the ability to remotely visualise their robotic arm in a three dimensional plane, receive status and feedback updates, set the parameters of their operational environment, as well as customise settings default such as force, torque, speed and more.

INCLUSIONS

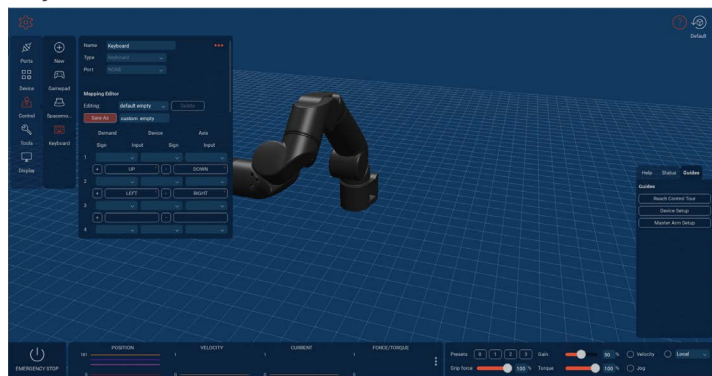
Communication over TCP/IP, serial, or UDP
Diagnostics and status monitoring
Customisable limits of position, velocity and force
Basic kinematics for obstacle avoidance
Workspace obstacle avoidance
Set up to 4 obstacles in workspace
Advanced kinematics engine
Cartesian (XYZ) end-effector control
Eye-ball control (move arm with respect to tool/sensor orientation)
Data logging tool
Custom probe configuration
End-effector tool configuration
Set up to 8 position presets



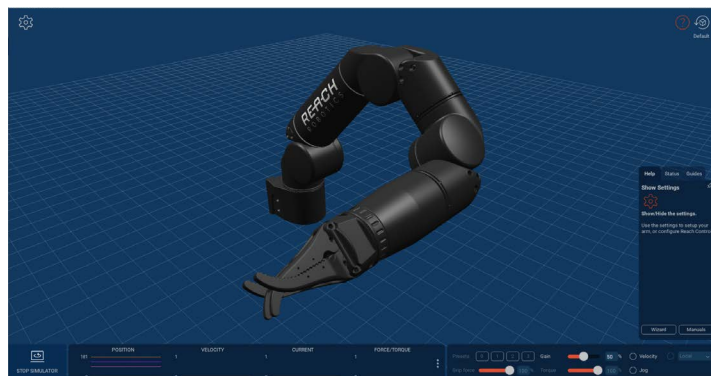
Live Feedback & Custom Control

FEATURES

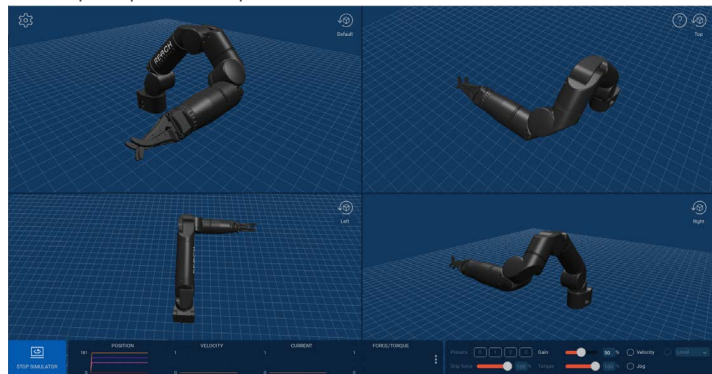
Keyboard Controls



Simulation Mode



Multi-perspective Split Screen



Tutorials

