

QLABS VIRTUAL QARM

Virtual platform for distance and blended undergraduate robotics courses

QLabs Virtual QArm is a fully instrumented, dynamically accurate virtual twin of a Quanser QArm system. It behaves in the same way as the physical hardware and can be measured and controlled using MATLAB[®]/Simulink[®] and other development environments. QLabs Virtual QArm can enrich your lectures and activities in traditional labs, or bring credible, authentic model-based lab experiences into your distance and online robotics course.

Same as the physical QArm, the virtual system is a 4 DOF serial robotic manipulator with a tendon-based two-stage gripper and an RGBD camera.



QLabs Virtual QArm runs on Windows 10 (64-bit) and requires MATLAB and Simulink R2019a or later (not included).

Products and/or services pictured and referred to herein and their accompanying specifications may be subject to change without notice. Products and/or services mentioned herein are trademarks or registered trademarks of Quanser Inc. and/or its affiliates. ©2020 Quanser Inc. All rights reserved.

WWW.QUANSER.COM | INFO@QUANSER.COM | (f

