QUARC

QUANSER INNOVATE·EDUCATE

Licensing Options

		Essentials	Complete
Prototyping	Seamless integration with Simulink® including external mode, parameter tuning, signal monitoring, data logging	●	●
	Deterministic performance including multithreading (multi-rate) and asynchronous threads	●	●
	Simple hardware interfacing through Quanser Hardware-In-the-Loop (HIL) API and blocks	●	●
	Host device support including joystick, mouse, and keyboard	●	●
	Rapid control prototyping utility libraries	●	●
	Support for Quanser Interactive Labs (QLabs) platform	●	●
Communications	Synchronous/asynchronous and blocking/non-blocking communications	●	●
	Persistent stream connectivity	●	●
	Network protocols including TCP and UDP	●	●
	Hardware protocols including serial, SPI, I²C	●	●
Advanced Applications	Image processing and video compression/display capabilities		●
	Access to localization camera data from NaturalPoint® OptiTrack and Vicon®		●
	Automated cross-compilation and deployment to the QBot, QCar, and QDrone		●
	Library of application primitives for autonomous vehicles and robotics		●
	Access to the Quanser QArm and haptic devices		●
	Interface with the 3D Systems Phantom® and Force Dimension haptic devices		●
	Dynamic reconfiguration capabilities		●

The following options are available. Please contact us for details.

1- Multiple Years Licensing.
2- Laboratory Wide Licensing.
3- Industrial Robot Support Toolbox.