

Hardware and software requirements for the microscope control software (LabVIEW)

Required hardware:

Manufacturer	Device	Description
National Instruments	cRIO-9038	CompactRIO controller with built-in FPGA
National Instruments	NI-9262	C series voltage output module
National Instruments	NI-9401	C series digital module

Software environments:

Developer	Software	Description
Microsoft	Windows 10 (64 bit)	Operating system
National Instruments	LabVIEW 2021 (32 bit)	LabVIEW environment
National Instruments	LabVIEW 2021 real-time module (32 bit)	Real-time programming module
National Instruments	LabVIEW FPGA module (32 bit)	FPGA programming module
National Instruments	NI CompactRIO 21.0 (32 bit)	Software for CompactRIO controllers