

SCANmotionStudio

Supported Hardware List

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For information on the functionality and compatibility of specific controller or device, its model, version, and firmware version, please contact SCANLAB.

Some hardware requires installation of an additional plug-in!

RTCs and Scan Systems

RTC (3)/4/5/6

XL SCAN

SCANmotionControl

precSYS 5-Axis Scanner

Positioning stage controllers

some controllers require installation of an additional plug-in – please contact SCANLAB

ACS Motion Control

Aerotech A3200/ Automation1

Polaris Motion Control (only point-to-point motion)

Elmo Motion Control (only point-to-point motion)

Newport XPS (only point-to-point motion)

Omron/Delta TAU PMAC, Power PMAC (only point-to-point)

Physik Instrumente via GCS (only point-to-point motion)

Zaber X-MCB2/X-MCC (only point-to-point motion)

Galil DMC-41×3 (only point-to-point motion)

Standa 8SMC5-USB (only point-to-point motion)

SigmaKoki GSC-01/GSC-02 (only point-to-point motion)

Laser sources

Any laser can be controlled using the RTC. Laser power and other parameters can also be controlled via digital or analog inputs/outputs, if the laser supports this. The laser configuration in SCANmotionStudio and on the RTC is highly flexible.

In addition, the lasers listed below support direct control through Ethernet, USB, or other communication protocols.

Light Conversion Carbide/Pharos

Trumpf TruPulse nano (SPI R4/G4)

Iradion nanosecond and femtosecond series

Amplitude Tangerine/Satsuma

Lumentum PicoBlade 2 and 3

Luxinar SCX 30 (former RoFin)

Luxinar LXR series

Spectra-Physics Spirit

Trumpf TruMicro (OPCUA)

IPG YLM QCW, YLR CW, YLP Series

Coherent Monaco, NXT, Diamond

Ekspla FemtoLux

EI En CO2 lasers

Cameras

Basler (Pylon 8.1/ 7.2 / 6 / 5.2 / 5)

IDS imaging

Cognex with in-Sight Vision (using In-Sight Explorer or In-Sight Vision Suite, communication via Modbus)

Cameras with genTL up to 1.5 and GenICam up to 3.2

Cameras with DirectShow drivers

Power meters

Gentec S-Link-2/M-Link/P-link/Integra

Coherent PowerMax

Ophir Nova II

Analog Sensors via analogue IO on the scanner/motion controller

Sensors

Keyence CL-3000 (serial and TCP/IP) and LK-G5000 (serial + USB)

Precitec CHRcodile

Analog height sensors

SCANLAB Open Interface Extension

Micro-Epsilon IFD2421 and C-Box

Other hardware

Optogama expanders (MEX, MEX-V2) and attenuators (LPA)

Altechna PowerXP/MoTex

Attenuator controlled by supported motion controllers

Your Hardware is not included?

Due to the flexible architecture of SCANmotionStudio, we can implement new hardware quickly.

Contact us to learn more about the possibilities!