

SCU - Simple Control Unit

The SCU product line of control systems includes one and three channel drivers to control stick-slip piezo stages with optional support for closed-loop positioning. All control systems of this product line are equipped with an USB or RS232 interface. USB devices are shipped with software development kits to guarantee easy and fast integration into your setup. As an alternative, all devices can be controlled using a simple ASCII command set.

Besides the availability as fully integrated handheld controllers for desktop usage, the control system is also available as an OEM single board controller for integration into your product. Control system with one or three channel drivers with as OEM boards or as integrated handheld controllers.



	SCU
Compatible Stages	SMARSLIDE stages with stick-slip drives
Number of Channels	1, 3
Feedback Loop	closed-loop, open-loop
Sensor Options	L, I
Enclosure Type	Hand Control Module, OEM single board controller, tabletop enclosure
Manual Control Features	Control knob and LED array, Control knobs, joystick and LCD
Stage Interface	1x DSUB 15, 1x DSUB 26HD
PC Interface	USB, RS232
Software and Drivers	Drivers for Windows and Linux, LabVIEW SDK
Power Supply	12 V, 48 W