

ProScan® III

Microscopy Automation Control System

The ProScan III is an exceptionally versatile and powerful control system from Prior Scientific, able to control and coordinate a wide array of equipment, including motorised stages, focussing devices, filter wheels, shutters and illumination devices. With an elegant, modular design and extensive customisation options available, the ProScan III provides a powerful solution for the most demanding applications in automated microscopy.

- TTL commands can be sent to unit peripherals and external cameras; allowing for extremely fast control.
- Communicates via USB or RS232 (115200 baud)
- Compatible with a wide range of imaging software, allowing smooth integration of Prior components into the overall microscopy system.
- A Software Development Toolkit allows integration into third party software, and access to acceleration, speed and drive current is provided.
- Variants to support linear motor stages and encoded stages are available.
- Modular nature allows creation of a system perfectly suited to the precise needs of the end user. Ancillary boxes allow extensions in functionality to be accomplished quickly and easily.
- Compact design eases pressure on valuable lab space.
- Free firmware updates allow the user to benefit from the most up to date system performance.
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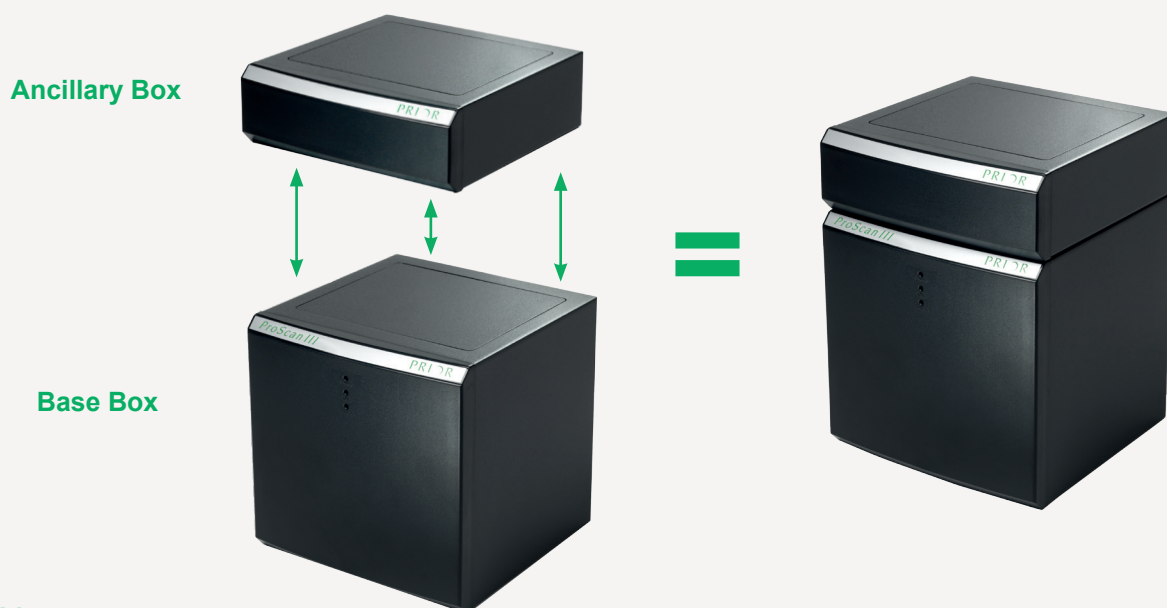
For more information on the whole ProScan range from Prior Scientific, please look at our ProScan III Brochure, or contact us at uksales@prior.com

ProScan III

Microscopy Automation Control Centre

Modularity

The ProScan III is designed to fit as closely as possible the exact requirements of the end user. A single 'base' unit is available. This can be extended with the addition of 'ancillary' boxes to widen the functionality of the system. For example, a base unit controlling the X, Y and Z axis can be extended with the addition of an ancillary unit controlling filter wheels and shutters.



Products available

Product	Description
V31XYZE	ProScan III controller controlling encoded XY stage and focus, with 2 x RS232, USB and programmable TTL. Supplied with Software Development Toolkit for easy software integration.
V31XYZEF	ProScan III controller controlling encoded XY stage, encoded focus, 3 filter wheels and 3 shutters, with 2 x RS232, USB and programmable TTL. Supplied with Software Development Toolkit for easy software integration.
V31F	ProScan III controller to control either focus, 2 x filter wheels and 3x shutters OR 3 x filter wheels and 3 x shutters with 2 x RS232, USB and programmable TTL. Supplied with Software Development Toolkit for easy software integration.
VLD31XYZ	ProScan III controller controlling a linear XY motor stage and focus with 2 x RS232, USB and programmable TTL. Supplied with Software Development Toolkit for easy software integration.
VLD31XYZF	ProScan III controller to control linear motor stage, Z focus, 3 x filter wheels and 3 x shutters with 2 x RS232, USB and programmable TTL. Supplied with Software Development Toolkit for easy software integration.
V31ADF	Ancillary box containing controller for 3 x filter wheels and 3 x shutters.
V31ADXYZE	Ancillary box containing controller for encoded XYZ control.

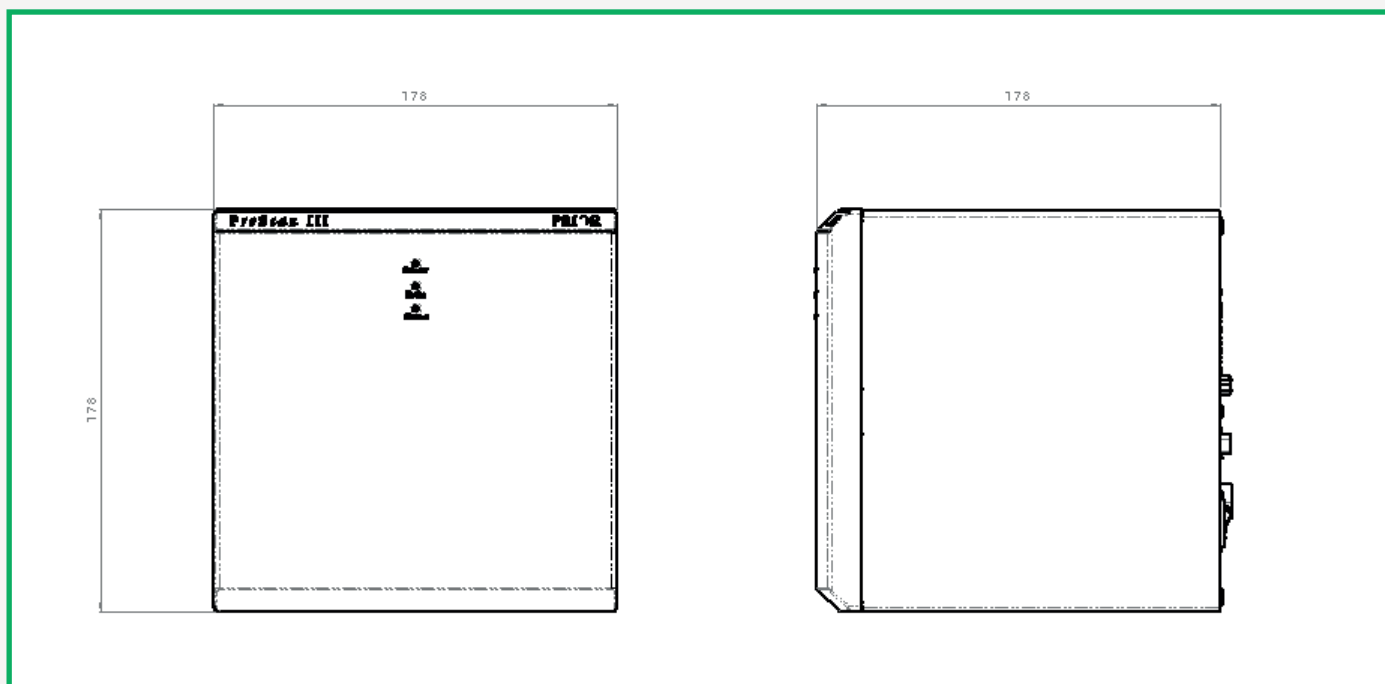
Specifications

Specification	Value
Power	Universal Mains Output 110/240 V AC 50-60 Hz
Computer Interface	USB (HID or Virtual COM), RS232
COM Port Communications Protocol	8 bit word 1 stop bit, no parity no handshake, baudrate options of 9600, 19200, 38400, 57600 and 115200
Dimensions	175 x 175 x 175 mm (Ancillary box adds 59 mm in height)
Weight	3 kg, ancillary box adds 1 kg

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Dimensions



Worldwide distribution

Prior Scientific Ltd
Cambridge, UK
T. +44 (0) 1223 881 711
E. uksales@prior.com

Prior Scientific Inc
Rockland, MA USA
T. +1 781-878-8442
E. infor@prior.com

Prior Scientific GmbH
Jena, Germany
T. +49 (0) 3641 675 650
E. jena@prior.com

Prior Scientific KK
Tokyo, Japan
T. +81-3-5652-8831
E. info-japan@prior.com