

myPCLab

On-line Monitoring

Data Logging

2 Analog and 1 Digital Input

A great tool for
engineers, scientists,
students and hobbyists for
monitoring, recording
and understanding
the outside
world!



USB
UNIVERSAL SERIAL BUS

NOVUS
www.novusautomation.co.uk

INSTALLATION

myPCLab installation is divided in two steps: driver and software installation. All required files are contained in a CD inside this package, or can be downloaded from our web site www.novus.com.br.

DRIVER INSTALLATION

1. Insert the **myPCLab** CD in the CD-ROM drive.
2. Connect **myPCLab** to a PC USB port. Windows® will detect the new hardware and after a few seconds the new hardware wizard will start.
3. Select "Install from a list or specific location (advanced)" and select "Next".
4. Select "Search for the best driver in these locations" and check option "Search removable media". Select "Next". If the installation files are not in a CD, select option "Include this location in the search" and type the path for the required files.
5. If a warning message regarding Windows® XP compatibility appears, select "Continue Anyway".
6. The **myPCLab** driver files will be copied to your computer and, when concluded, a window will show up informing that the wizard has finished installing the software. Select "Finish".
7. It is possible that the previous steps repeat a second time for the completion of installation.

SOFTWARE INSTALLATION

1. Execute file **myPCLabSetup.exe**, from the installation CD.
2. Follow the instructions to proceed with installation.

FEATURES

- Two analog and one digital input. Built-in sensor for ambient temperature measurement.
- Software configurable analog inputs: Thermocouple types J, K, T, E, N, R, S and B, Pt100 RTD (3-wire), 4-20 mA, 0-50 mVdc or 0-10 Vdc.
- A/D resolution: configurable from 15 to 11 bits.
- Sampling rate: configurable from 8 to 128 samples per second, depending on A/D resolution.
- USB connector: type Mini-B. Comes with a 1.5 m cable with plugs Mini-B and A.
- Power supply: by the USB bus. Consumption < 100mA.
- Software included for Windows® (2000, XP or above) for configuration, visualization, recording and data export. Provides communication with multiple **myPCLab** modules.
- Data export formats: txt, xls, doc, pdf, html.
- Dual communication protocol: ASCII and Modbus RTU.

SYSTEM REQUIREMENTS

- A PC with Pentium III® processor or better, a minimum of 128MB RAM, 100MB hard disk free space and USB V1.1 interface.
- Operating system: Windows® 2000, XP or above.
- CD-ROM drive, VGA monitor, mouse.



THIS PACKAGE CONTAINS

One **myPCLab** data acquisition module, USB cable, one temperature sensor (T type thermocouple) and a CD containing: USB driver, **myPCLab** software with on line help and operating manual in PDF format.

Control...
And beyond