Open ISEmeter

INSTALATION PROCEDUREwith Windows 7, Vista, or XP

As Open ISEmeter GUI is a Java compiled application, we suppose that you have already installed any Java version on your computer. If this isn’t the case, please install the latest version of Java Runtime Environment, JRETM, from the Oracle website ([www.oracle.com](http://www.oracle.com)). Then restart your computer and follow the instructions below.

1. - Installing drivers for the Arduino Uno:

* Plug in your Arduino board with the USB cable and wait for Windows to begin it's driver installation process. After a few moments, the process will fail, despite its best efforts.
* Click on the Start Menu, and open up the Control Panel.
* While in the Control Panel, navigate to System and Security. Next, click on System. Once the System window is up, open the Device Manager.
* Look under Ports (COM & LPT). You should see an open port named “Arduino UNO (COMxx)”. If there is no COM & LPT section, look under “Other Devices” for “Unknown Device”.
* Right click on the “Arduino UNO (COMxx)” port and choose the “Update Driver Software” option.
* Next, choose the “Browse my computer for Driver software” option.
* Finally, navigate to and select the driver file named **‘arduino.inf’**, located in the “Drivers” folder of the Open ISEmeter Instalation Software.
* Windows will finish up the driver installation from there.

2. - Installing the RXTXcom utility for serial comunications:

* Copy the file named **‘RXTXcomm.jar’**, located in the “Drivers” folder of the Open ISEmeter Instalation Software, and paste it in the ‘**lib/ext**’ folder of the Java VM (e.g. for Sun's Java 1.6.0\_04 it will typically be ‘C:\Program Files\Java\j2re1.6.0\_04\lib\ext’).
* Copy the file named **‘rxtxSerial.dll’**, located in the “Drivers” folder of the Open ISEmeter Instalation Software, and paste it in the ‘**bin**’ folder of the Java VM (e.g. for Sun's Java 1.6.0\_04 it will be ‘C:\Program Files\Java\j2re1.6.0\_04\bin’).

3. – Installing the Open ISEmeter GUI software:

* Unzip the **‘Open\_ISEmeter.rar’** file anywhere on your computer.
* Copy the **‘Open ISEmeter.bat’** file located in the ‘**dist**’ folder just unzipped and paste the shortcut on your desktop. You can use the ‘UHU-OSHW.ico’ file included with the installation files to change the icon image of such shortcut.