



Ultrascopes Using RS-232

Date: 10.17.2011

Solution: This document will show users how to configure ultrascopes to communicate over RS-232 (Serial) connections.

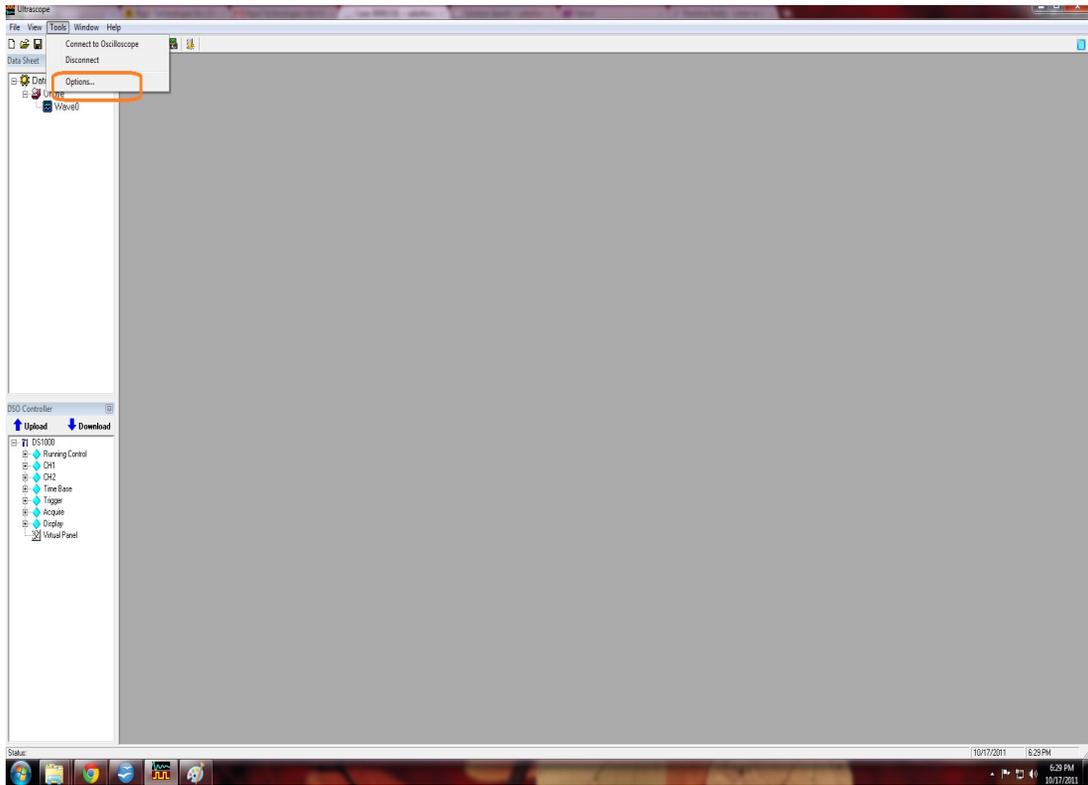
NOTE: The RS-232 connection can be made using a standard RS-232 port or a properly configured USB-RS232 adapter such as the Trendnet(c) TU-S9

Steps:

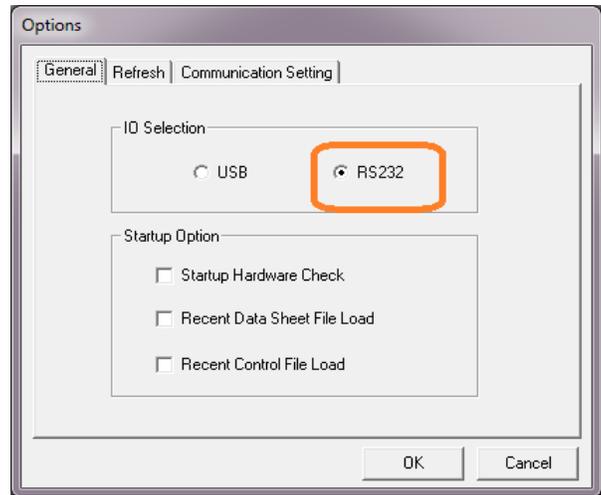
1. Install Ultrascopes
2. Install any drivers for the USB-RS232 adapter (if you are using this option)
3. Plug scope into power cord and power on
4. Connect a straight through RS-232 cable to computer Serial port and scope (Or connect USB-RS232 adapter to computer USB port and RS-232 port on the scope)
5. Configure the scope I/O by pressing the Utility key > IO Setting. Note the Baud rate of the RS-232 port.
6. Open Ultrascopes by clicking on the Ultrascopes Icon or Executable (.EXE)



7. Select Tools > Options from the main tool bar

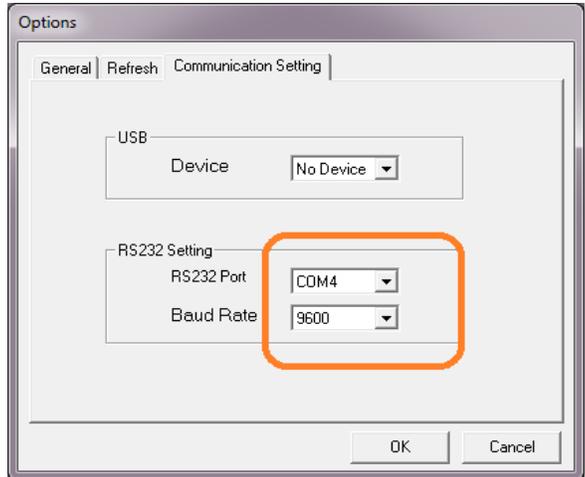


8. Select RS-232 from the General Settings Tab

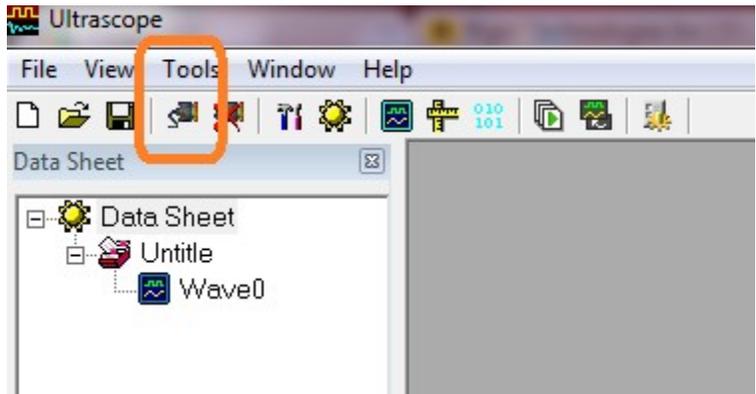




- 9. Set the correct COM port number and Baud rate on the Communications Settings tab



- 10. Connect to the instrument using either the Tools > Connect to instrument menu selection or the Connect Icon in the main menu



- 11. You can now collect waveform, BMP, CSV, and other types of data remotely using your Rigol Oscilloscope!