What is EV3Console

EV3 Console is adapter is designed for use with EV3 brick, to access the Operating System (Linux) console through external computer.

Connections

Connect the USB connector of the EV3Console to your computer (Windows/Mac/Linux) using USB cable.
Connect the Gray connector to Sensor Port 1 of your EV3 brick using Mindstorms sensor cable.

Serial Connection Parameters

Baud rate: 115200.
Other parameters: 8 bit, No Parity, 1 stop bit.

USB Drivers for Windows

Download driver from following URL
http://www.mindsensors.com/index.php?controller=attachment&id_attachment=168

Installation instructions are here:
http://www.mindsensors.com/content/14-ev3console-usb-driver-installation-instructions

Using EV3Console on Linux

The EV3Console USB drivers use FTDI chip for communication, which uses FTDI serial drivers (these are commonly available in any Linux).
To configure USB, we use FTDI chip with manufacturer ID as 0403, and Device ID as ABB9.
You will have to configure your installation's USB enumerations based on these values. (Essentially, you will have to configure your USB driver such that when it sees device with the ID's above, it loads Serial drivers for it.)

For Ubuntu, please refer to Tutorial by Xander:
http://botbench.com/blog/2013/08/18/tutorial-using-the-mindsensors-ev3console-in-linux/

Using EV3Console on Mac

For Mac OS, please follow the tutorial by Mark Crosbie at:
http://thinkbricks.net/?p=811