

USB-Serial Converter (Robot Tether Cable)

ACT0160

The USB-serial cable can be used to connect a laptop or other computer to the robot's HOST or SERIAL port for control by ARIA or other software, or for firmware configuration and updates. (See your robot's manual for location of serial port.) The USB converter uses an FTDI US232R chipset. Drivers are available for Windows at <http://www.ftdichip.com/FTDrivers.htm>, and this device is supported automatically by the standard Linux ftdi_sio driver.



Use on Windows:

On Windows, USB-serial devices are accessed via new COM ports created by Windows when the device is attached. The COM port name will be shown in the "Ports (COM & LPT)" section of the Device Manager, which can be opened from the System control panel. It may also be shown as a temporary tooltip in the taskbar when the device is attached.

Important Note: By default, on Windows a latency timer of 16 ms is set by the FTDI driver. For proper performance of the USB-serial connection, this must be changed to 4 ms. To change the latency timer (and other settings), double-click the USB Serial Port entry in the "Ports (COM & LPT)" section of the Device Manager; select Port Settings; click Advanced...; and change the Latency Timer in the "BM Options" section. Click "OK" to save the changes.

