Versa-Tap Quick-Start Guide

Installing the EZ-View RS232 Monitor Application Program

Please visit http://www.stratusengineering.com/Downloads.html to download the latest copy of this Quick-Start Guide and the EZ-View application program. The EZ-View application works with our EZ-Tap Pro, EZ-Tap, and Vera-Tap Products.

EZ-View application versions 1.6.60 and later are packaged as a self contained setup executable that installs the application program and drivers. For these program versions installation is simple:

1. Run the downloaded setup executable.
2. Plug the EZ-Tap Pro module into USB port on the PC and wait for the driver installation to complete
3. Run the EZ-View application program

For earlier EZ-View application versions:

1. Download and install latest device drivers from http://www.ftdichip.com/Drivers/D2XX.htm
2. Plug the Versa-Tap module into USB port on the PC and wait for the driver installation to complete
3. Unzip the files in the EZ-View application .zip file to a directory of your choice
4. Run the EZ-View application program

Note that once the device driver has been correctly installed, Versa-Tap appears as a USB COM port under Windows Device Manager.

Versa-Tap Firmware update

You can check the EZ-Tap Pro firmware version from the "EZ-View Help\About" menu. If a later version of the firmware is available at http://www.stratusengineering.com/Downloads.html you can install it as follows:

1. Download and extract the firmware update zip file
2. Run the executable and follow the instructions

Developing Custom software with the EZ-Tap Pro Software API

Please contact Stratus Engineering for information on developing custom application software for use with the Versa-Tap hardware module

Connecting Versa-Tap to the System under Test

Once the Versa-Tap and EZ-View are operating correctly on the MS Windows PC host system, the user must create a custom connection to the system under test. The Versa-Tap screw-terminals are labeled with there RS2332 and RS422 signal names as shown in the figure 1 below. Note that you must select

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between RS232/TTL, RS422, and Inverted RS232/TTL signaling level under the EZ-View Settings/Communications menu.

Purchasing Extra Screw Terminal Connectors (optional)

In many cases our customers use their Versa-Tap to monitor several systems under test at different times. Since it can be somewhat painful to reconnect the screw terminal wires when switching between systems/interfaces, it is easier to purchase extra screw terminal connectors and simply unplug/re-plug them from the Versa-Tap leaving the screw terminals connected to the different interfaces under test. The screw terminal connector is a Phoenix 1803646 (pictured below), which is readily available at Digi-Key, Mouser, and several other distributors.

Signal Definitions

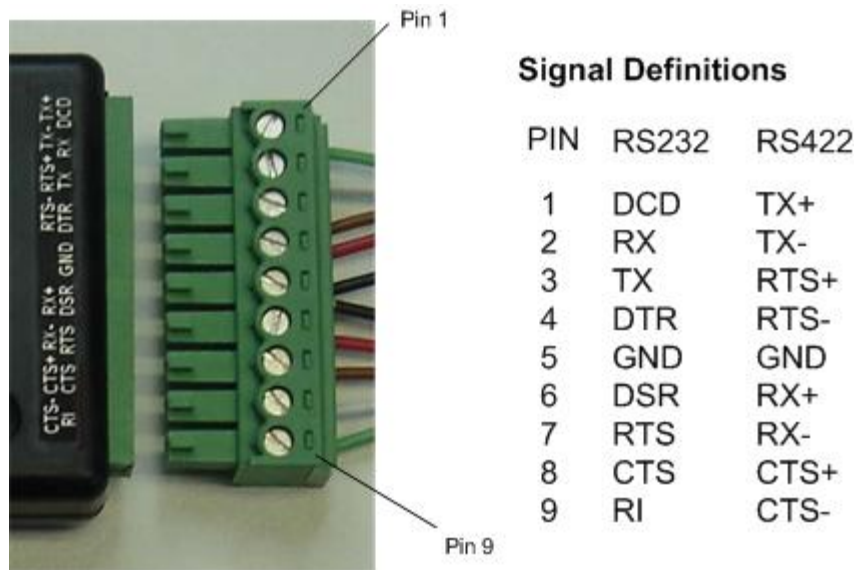| PIN	RS232	RS422
1	DCD	TX+
2	RX	TX-
3	TX	RTS+
4	DTR	RTS-
5	GND	GND
6	DSR	RX+
7	RTS	RX-
8	CTS	CTS+
9	RI	CTS-

Figure 1 - Versa-Tap Signal Definitions

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