Software Updates for the iScan VP30

The iScan VP30 software can be updated using a PC with a serial port or a USB port (with a USB-to-Serial adapter). We recommend a serial port terminal program called Tera Term Pro (Version 2.3) that we provide for download on our website.

To verify which software version is loaded into your iScan VP30, press the 'Info' button on the top of the remote control. A window should pop up with the input and output status. At the top of this window you should see which software version is loaded in your unit (example: iScan VP30 – v1.00).
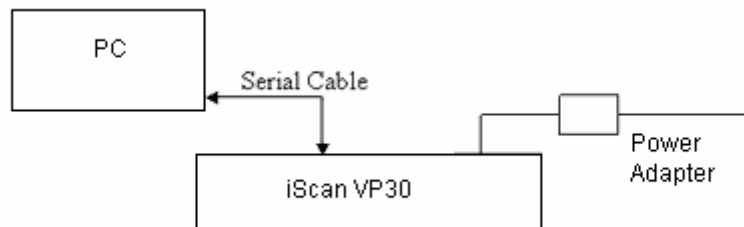
Instructions for loading the iScan VP30 software updates:

Please note that you may lose your previous settings when you upgrade your software. We advise that you write them down before starting the update.
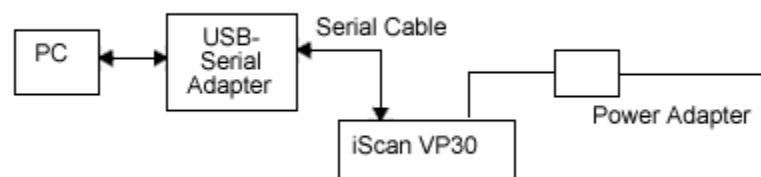
The update process is described below.

1) Hardware setup

- What you will need:
    - iScan VP30 with Power Supply
    - DB9 Male to Female extension (1:1) Serial Cable
    - Serial-to-USB Adapter (if your using a USB port to the update)
- The serial connection can be made either before or after your iScan has been installed
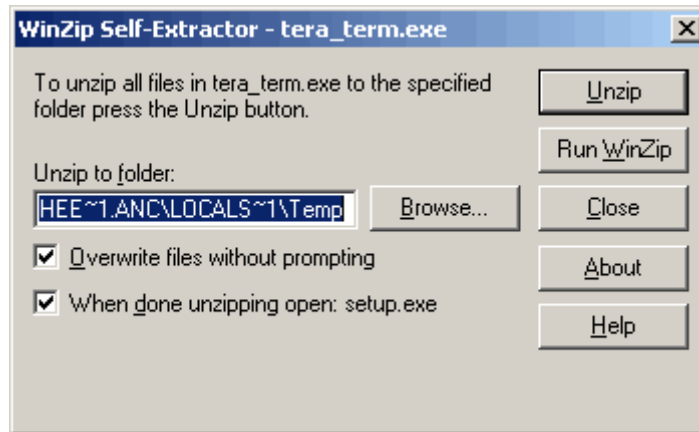- Connect Serial Port cable between PC and iScan VP30

or

- Turn the PC and iScan VP30 on

2) Download needed software (see www.dvdo.com/update/update-vp30.php)
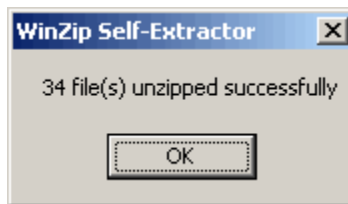
- Download **tera_term.exe**
- Download the selected software release **(.abt file)**
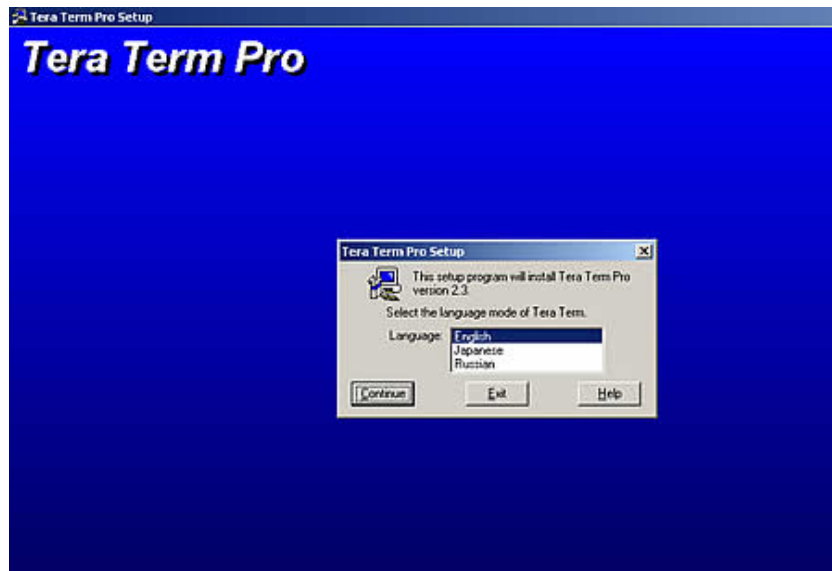
3) Install Tera Term Pro on the PC
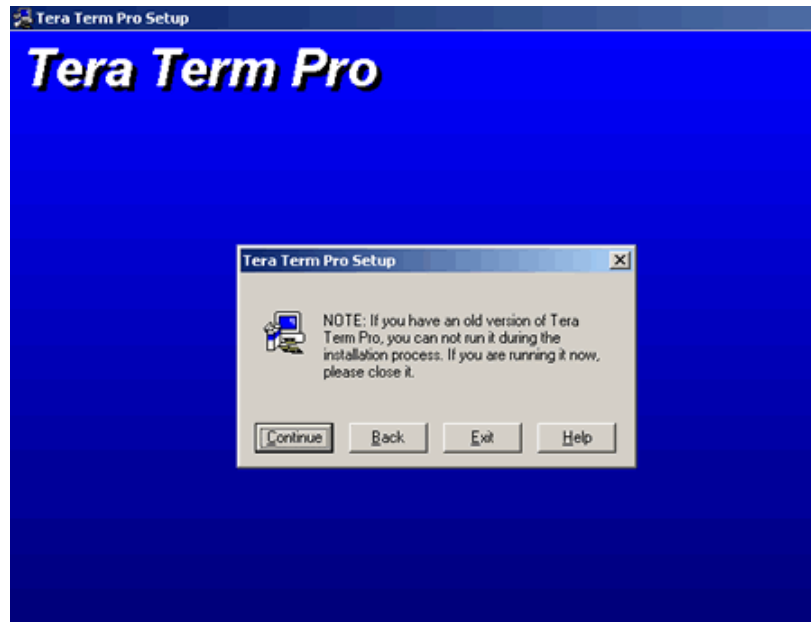
- Double click on **'tera_term.exe'**

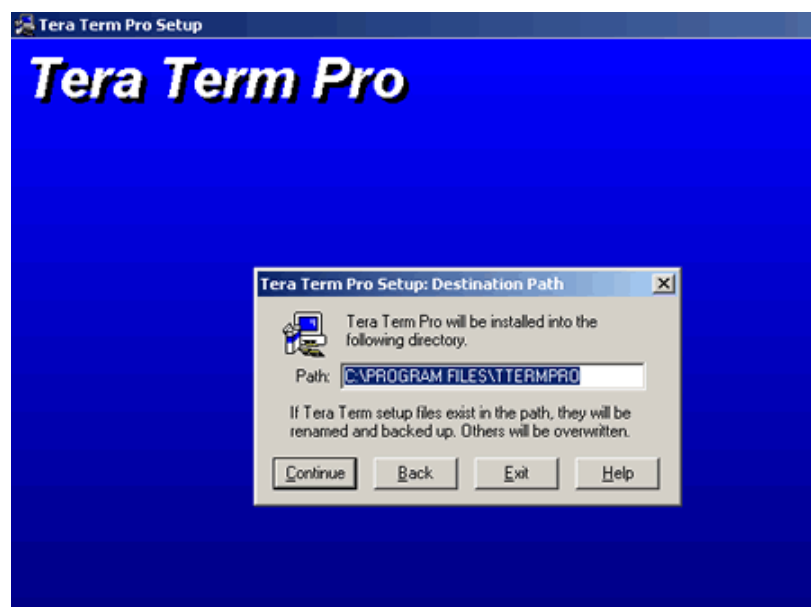- Click **'Unzip'** (this action upzips to a temporary folder)

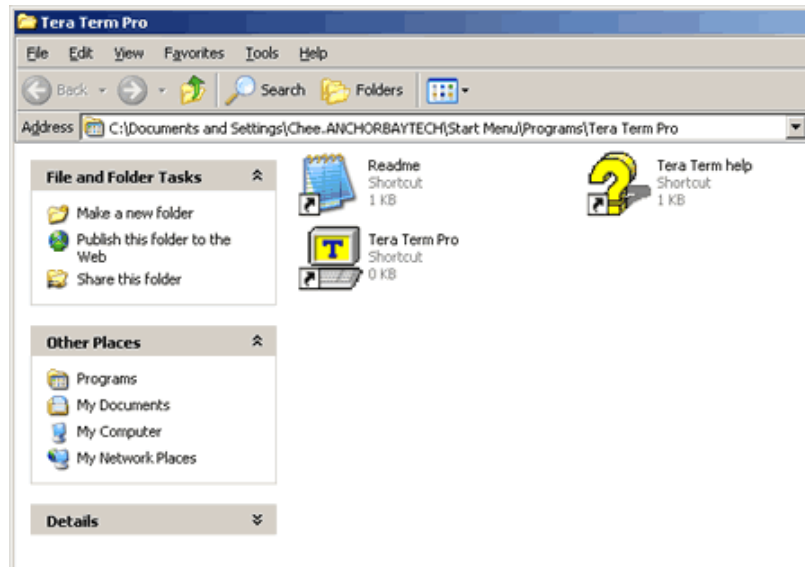- Click **'OK'** (this starts the Tera Term Pro setup program)

- Select the preferred language and click **'Continue'.**

- Click **'Continue'** unless an old version of Tera Term Pro is currently running.

- Click **'Continue'** to install Tera Term Pro in the default Program directory.
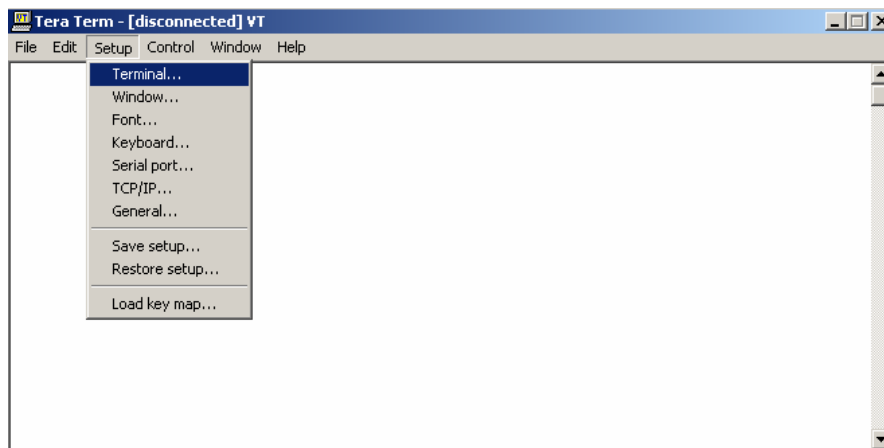
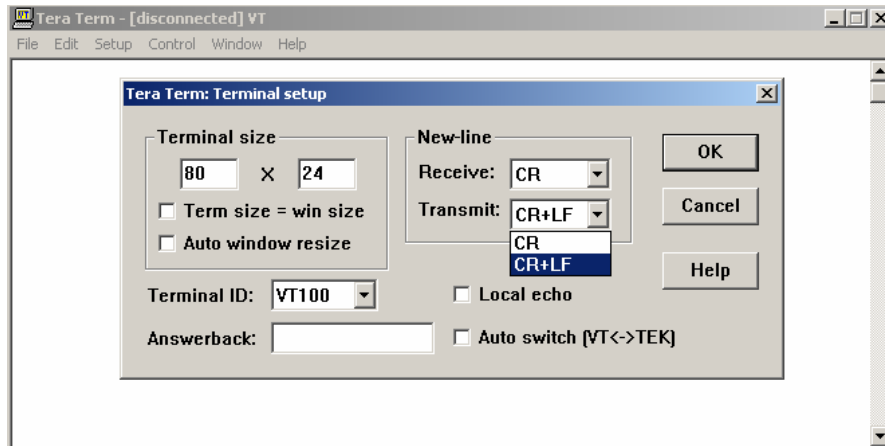- Close this window and click **'OK'** to exit the setup program.

4) Setting up the PC

Make sure that no other program is using the serial port or USB port that's connected to the iScan VP30
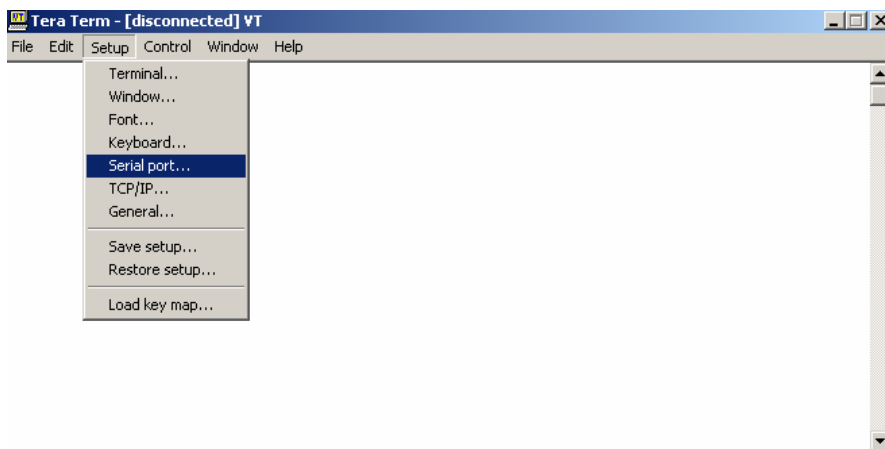
- Run **Tera Term Pro** from the Program Menu
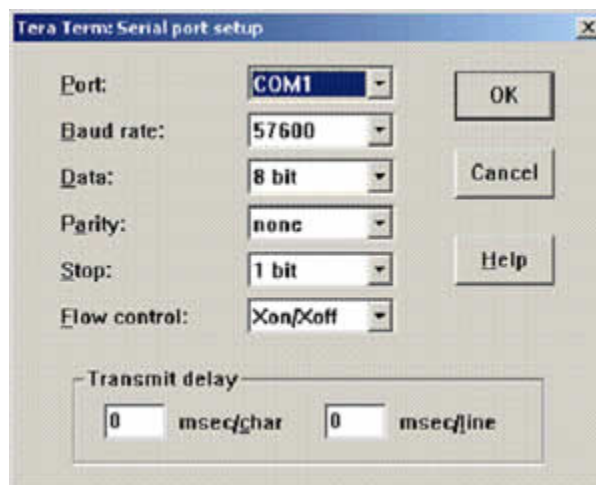- Select **'Terminal'** from the Setup Menu

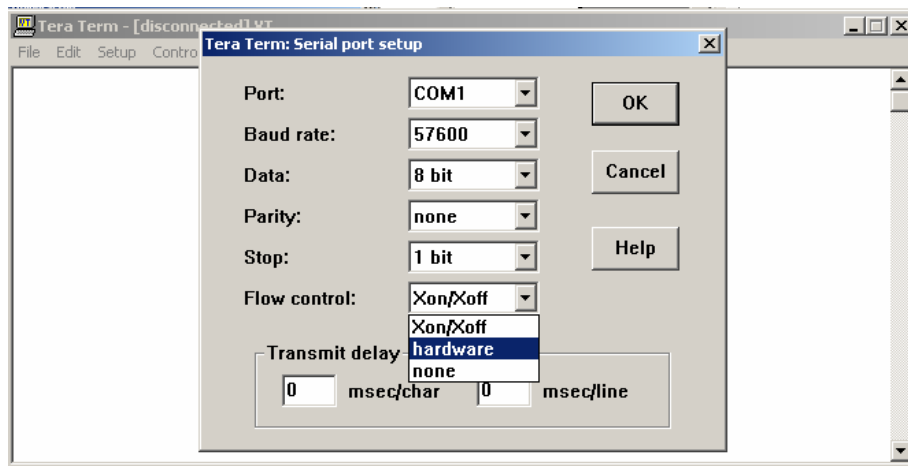- Change the **'Transmit'** setting to **'CR+LF'**

- Click **'OK'**
- Select **'Serial Port'** from the **'Setup'** menu

- Tera Term Pro has been configured to communicate directly with the iScan VP30 through the serial port COM1. See below. Select another COM port if the serial/USB cable is not connected to COM1.

- Change the **'Flow Control'** to **'Hardware'**

- Click **'OK'** the serial port setup is completed.
- Tera Term Pro is now ready to send the software file **(.abt)** to the iScan VP30.

5) Setting up the iScan VP30 for software update

Using On-Screen Display and Remote Control/Front Panel Controls

- Press the **'Menu'** button
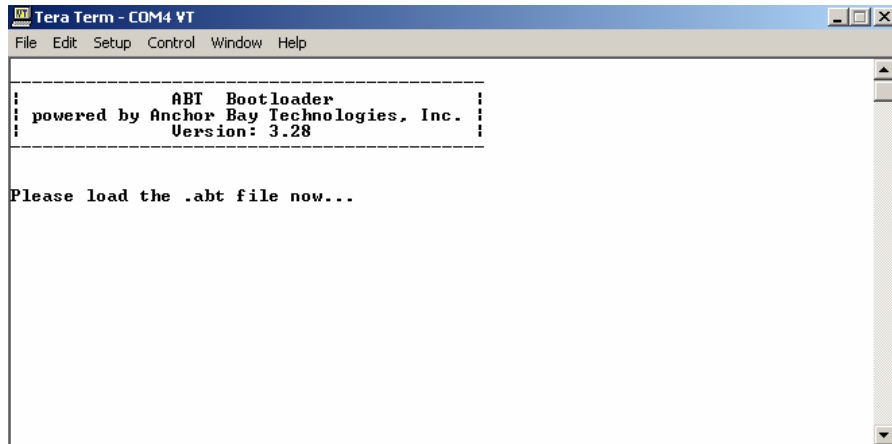- Select Configuration -> Software Update -> **Yes**

- Confirm by pressing the **'Enter'** button
- The Front Panel will show **'Load .abt file now.. '**

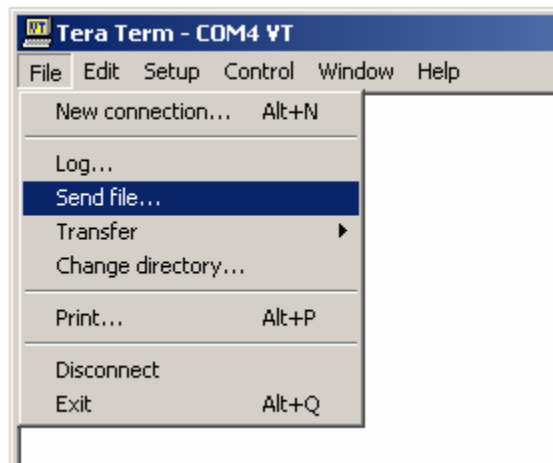**6) Completing the update process**

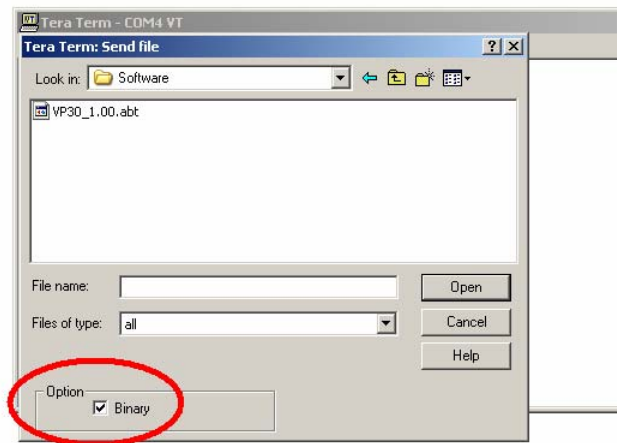- On the Tera Term window, you will see the following message.

Important Note:

You can still cancel the download operation at this point. There are two ways to do this.

- o Do nothing for about 5 minutes. After this time the iScan VP30 will revert back to normal operations with the current software.
- o Unplug the power cord from the iScan VP30 and then plug it back in again. The iScan will revert back to normal operations with the current software.

- To update the system software select **'Send File'** from the **File** menu.

- Make sure **Binary** mode is selected.

- Locate the **'.abt'** file to download. Only files with an '.abt' extension should be loaded. If any other file is loaded, an error will occur.
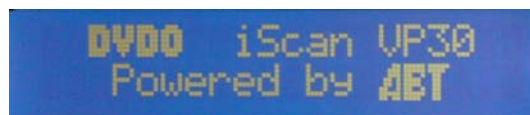
Note the file shown in the picture above is only an example, not the actual file.

Important: After this step it is not possible to go back to your current firmware version without reloading another '.abt' file.

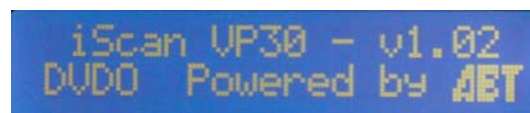- Click the **'Open'** button to send the file
- Data is now being transferred to your iScan VP30. You should see **'Loading…'** on the bottom line on the Front Panel Display with a rotating bar. You will also see the download status on the PC.

- When the update is complete you will see the iScan VP30 reset itself.

- The download process may take up to 40 minutes to complete.
- You can verify that the download was successful by pressing the **'Info'** button and comparing the software version listed above.

Note the version shown in the picture above is only an example

Troubleshooting:

Baud Rate: Should be set to 57600 on both TeraTerm Pro and the iScan VP30

Flow Control on TeraTerm Pro should be set to 'Hardware'